

Fishery Data Series No. 15-20

Kodiak Management Area Salmon Escapement and Catch Sampling Results, 2014

by

Michelle L. Wattum

July 2015

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



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| Weights and measures (metric) | | General | Mathematics, statistics |
|---|--------|--|---|
| centimeter | cm | Alaska Administrative Code | <i>all standard mathematical signs, symbols and abbreviations</i> |
| deciliter | dL | all commonly accepted abbreviations | alternate hypothesis |
| gram | g | e.g., Mr., Mrs., AM, PM, etc. | base of natural logarithm |
| hectare | ha | | catch per unit effort |
| kilogram | kg | | coefficient of variation |
| kilometer | km | all commonly accepted professional titles | common test statistics |
| liter | L | e.g., Dr., Ph.D., R.N., etc. | (F, t, χ^2 , etc.) |
| meter | m | | confidence interval |
| milliliter | mL | at | correlation coefficient |
| millimeter | mm | compass directions: | (multiple) |
| | | east | R |
| | | north | correlation coefficient |
| | | south | (simple) |
| | | west | covariance |
| | | copyright | degree (angular) |
| | | corporate suffixes: | degrees of freedom |
| | | Company | expected value |
| | | Corporation | greater than |
| | | Incorporated | greater than or equal to |
| | | Limited | harvest per unit effort |
| | | District of Columbia | less than |
| | | et alii (and others) | less than or equal to |
| | | et cetera (and so forth) | logarithm (natural) |
| | | exempli gratia | logarithm (base 10) |
| | | (for example) | logarithm (specify base) |
| day | d | e.g. | log ₂ , etc. |
| degrees Celsius | °C | Federal Information Code | minute (angular) |
| degrees Fahrenheit | °F | id est (that is) | not significant |
| degrees kelvin | K | latitude or longitude | null hypothesis |
| hour | h | monetary symbols | percent |
| minute | min | (U.S.) | probability |
| second | s | months (tables and figures): first three letters | probability of a type I error |
| | | (U.S.) | (rejection of the null hypothesis when true) |
| | | United States | probability of a type II error |
| | | (adjective) | (acceptance of the null hypothesis when false) |
| | | United States of America (noun) | second (angular) |
| | | U.S.C. | standard deviation |
| | | U.S. state | standard error |
| | | use two-letter abbreviations (e.g., AK, WA) | variance |
| | | | population |
| all atomic symbols | | | sample |
| alternating current | AC | | Var |
| ampere | A | | var |
| calorie | cal | | |
| direct current | DC | | |
| hertz | Hz | | |
| horsepower | hp | | |
| hydrogen ion activity (negative log of) | pH | | |
| parts per million | ppm | | |
| parts per thousand | ppt, ‰ | | |
| volts | V | | |
| watts | W | | |

FISHERY DATA SERIES NO. 15-20

**KODIAK MANAGEMENT AREA SALMON ESCAPEMENT AND
CATCH SAMPLING RESULTS, 2014**

by

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ABSTRACT

Over 2.9 million salmon were enumerated through Alaska Department of Fish and Game (ADF&G) salmon counting weirs in the Kodiak Management Area (KMA) during 2014. Of these fish, over 1.4 million were sockeye salmon *Oncorhynchus nerka*, which are the focus of sampling efforts. Approximately 12,700 adult sockeye salmon were sampled for age, sex, and length (ASL) on major river systems in the KMA; these data were used to represent escapement age compositions. The predominant age classes in the escapement were age-2.2 (57.6%), -2.3 (15.3%), and -1.2 (13.8%) fish, but primary age classes varied by system.

The 2014 commercial salmon catch in the KMA totaled approximately 14.8 million fish, including fish caught in the test fishery and fish retained for personal use from the commercial catch. The 2014 catch was below both the recent 5- and 10-year averages and last year's catch (2013) of 31.9 million fish (all species combined). The harvest consisted of approximately 9,000 Chinook *O. tshawytscha*; 3.3 million sockeye; 480,000 coho *O. kisutch*; 10.7 million pink *O. gorbuscha*; and 337,000 chum *O. keta* salmon. Sockeye salmon were sampled by ADF&G for age estimation from a variety of catch areas throughout the KMA. Approximately 15,500 scales were used to represent a combined commercial harvest of approximately 2.4 million sockeye salmon from sampled areas. ASL samples collected from the 2014 commercial catch revealed an age structure composed predominantly of age-2.2 (59.0%), -1.2 (14.6%), and -1.3 (11.4%); however, primary age classes varied by section and district.

Sockeye salmon brood tables were updated for the Karluk, Ayakulik, Upper Station, and Frazer systems; 10-year average return-per-spawner estimates ranged from 1.2 for the Karluk early run to 2.7 for Frazer. The examination of historical trends in sockeye salmon age compositions shows tremendous variability within and among systems.

Key words: Kodiak, escapement, sockeye salmon, commercial harvest, age, historical trends.

INTRODUCTION

The Kodiak Management Area (KMA) encompasses western Gulf of Alaska waters surrounding the entire Kodiak Archipelago in addition to the waters along that portion of the Alaska Peninsula from Cape Douglas to Kilokak Rocks (Figure 1). There are about 800 anadromous salmon systems identified in the KMA (Johnson and Daigneault 2013). All combined, these systems support 5 commercially important salmon species: Chinook *Oncorhynchus tshawytscha*, sockeye *O. nerka*, coho *O. kisutch*, pink *O. gorbuscha*, and chum *O. keta* salmon. About 49 of these systems support sockeye salmon runs (Jackson and Keyse 2013).

Weirs operated by the Alaska Department of Fish and Game (ADF&G) are vital for salmon enumeration into many KMA streams and provide the basis for inseason management actions regulating the commercial, sport, and subsistence fisheries in the area (Figure 2). Additional streams are monitored by aerial and foot surveys to index pink, chum, coho, and the remaining sockeye salmon escapements (Jackson and Keyse 2013).

The KMA is composed of 7 commercial salmon fishing districts and 56 sections (Figures 1 and 3–6). Directed commercial fisheries occur for sockeye, pink, chum, and coho salmon; Chinook salmon are not targeted. To open and close fisheries in season, managers use qualitative analyses of run timing, catch per unit effort statistics, species composition estimates, regulatory management plans, aerial survey estimates, test fishery results, and weir escapement counts (Keyse 2014). The targeted escapement goals for KMA salmon are found in Sagalkin et al. (2013).

The Commercial Fisheries Division of ADF&G initiated an expanded catch and escapement sampling program in the KMA in 1985, focusing on sockeye salmon. The purpose of this program was to collect representative age, sex, and length (ASL) data from major sockeye salmon systems as well as representative age data from selected commercial sockeye salmon harvests. These data continue to expand the KMA salmon baseline ASL database. Samples are used to reconstruct sockeye salmon runs, employ age marker analysis, conduct scale pattern

analyses, and examine historical harvest proportions to estimate specific stock contributions to commercial fisheries in the KMA (Baer and Honnold 2002; Barrett and Nelson 1995; Foster 2006–2011; Moore 2012; Moore 2013; Moore 2014b; Nelson 1999; Nelson and Barrett 1994; Nelson and Swanton 1996, 1997; Sagalkin 1999; Swanton 1992; Witteveen et al. 2005). Accordingly, these samples provide the foundation for preseason run forecasting and escapement goal evaluation.

OBJECTIVES

This report presents the results of the 2014 KMA salmon sampling programs. While there is some interpretation and discussion of these data, this report does not provide a rigorous analysis, but rather aims to cover the following objectives:

1. Report the escapements by system and species in 2014 (sockeye salmon returning to systems with weirs).
2. Provide ASL summaries from sockeye salmon sampled from both the escapement and commercial harvest. Historical trends and productivity (return-per-spawner) for select salmon stocks will be described.
3. Report the total catch by species in the KMA in 2014.
4. Reconstruct the 2014 run size for select sockeye salmon stocks in the KMA.
5. Describe the results of the Kodiak salmon test fishery.

METHODS

ABUNDANCE ESTIMATES

Escapement

Salmon escapement was estimated by ADF&G using weirs at 9 river systems in the KMA. The following 8 systems are included in this report: Karluk, Ayaklik (Red Lake), Frazer (Dog Salmon Creek), Upper Station (South Olga Lakes), Afognak (Litnik), Saltery, Pasagshak, and Pauls Lake (Table 1). The Division of Sport Fish operated weirs within the Buskin River system, but this system falls outside the scope of this report.

Escapements at weirs were enumerated by field technicians and biologists using hand tally denominators as fish migrated upstream through aluminum panel gates. Gates were closed to allow fish buildup and were intermittently opened to allow salmon enumeration and passage. Full descriptions of weirs are reported in the KMA Weir Descriptions and Salmon Escapement Report (Fuerst 2015). Escapement estimates by system included weir counts and estimates of escapement added to the total weir counts when high water events washed out weirs or after weir removal. Escapements were estimated by aerial or foot surveys when not directly counted.

Commercial Harvest

KMA salmon catch numbers for the 2014 season were obtained from summary reports of individual harvest receipts (fish tickets). The fish ticket and escapement databases were edited by Kodiak area salmon management biologists prior to summary reports being generated on January 5, 2015.

AGE, SEX, AND LENGTH SAMPLING

ASL data were collected from both the escapement and the commercial catch. When possible, all scales were collected from the preferred area of each fish following procedures outlined by the International North Pacific Fisheries Commission (INPFC 1963). Scales were mounted on scale “gum” cards and impressions were made on cellulose acetate (Clutter and Whitesel 1956). Fish ages were assigned by examining scale impressions for annual growth increments using a microfiche reader fitted with a 60X lens following designation criteria established by Mosher (1968). Ages were recorded directly into a database via the Kodiak intranet salmon aging utility and are displayed in this report using European notation (Koo 1962), in which a decimal separates the number of winters spent in fresh water (after emergence) from the number of winters spent in salt water. The total age of the fish includes an additional year that does not show up on scale as an annual growth increment and is not recorded using this notation, which represents the time between egg deposition and emergence of fry. Length measurements were taken from mid eye to tail fork in millimeters, and sex was determined from external morphological characteristics. Data were typically recorded on handheld digital sampling devices (Moore 2014a). The ASL data summaries were computed for each escapement sample. Age and sex composition were estimated daily by interpolating between sampling events, then summarized weekly. When sampling goals were not achieved, the escapement age composition estimate was limited to the statistical week that the sample was taken in. Length composition data were summarized by age and sex.

Escapement

Sockeye salmon escapements were sampled weekly for ASL data at weirs on the Karluk River (ADF&G stream number 255-10-101), Ayakulik River (ADF&G stream number 256-15-201), Upper Station (ADF&G stream number 257-30-304), Frazer (ADF&G stream number 257-40-403), and Pasagshak systems (ADF&G stream number 259-43-411; Figure 2; Moore 2014a). Frazer Lake salmon were initially enumerated at the Dog Salmon weir (near saltwater) and then counted again as they ascend the fish pass into Frazer Lake. Statistical (sampling) weeks and dates are presented in Table 2. Fish were generally collected using a live-box trap attached to the upstream side of the weir(s). During August and September, Karluk River samples were sometimes collected with a beach seine in the lagoon when scale samples collected at the weir indicated heavy reabsorption or if fish movement was nonexistent. Reabsorption occurs when spawning adults stop feeding and absorb protein from their bodies, leaving only the center of their scales. Ideally, 3 samples of 80 fish were collected weekly on alternating days to meet the required weekly sample size of 240 fish. Within-week adjustments were made in the schedule when necessary to obtain the full sample. The weekly sample size enabled all escapement age classes to be simultaneously estimated within $\pm 6.5\%$ of the true proportions with 90% confidence (Thompson 1987). For Afognak (ADF&G stream number 252-34-342) and Saltery (ADF&G stream number 259-41-415), a goal of 600 fish was established, with the sampling effort distributed throughout the season and proportional to escapement counts (i.e., peaks in sampling effort occurred during peaks of escapement). In Pauls Lake (ADF&G stream number 251-85-831) sockeye salmon were beach seined for ASL sampling on 2 separate occasions.

Commercial Harvest

Catch samples were collected in Kodiak, Larsen Bay, and Alitak (Lazy Bay; Figures 2–6). The catch sampling crews obtained fish ticket information before collecting samples to determine if

the fish were exclusively harvested from the section designated to be sampled. If fish ticket data were not available, the sampling crew interviewed the processing facility dock foreman or tender operator. Once fish ticket information became available, the origin of the catch was confirmed.

Specific commercial sockeye salmon catches were sampled weekly for age estimation during commercial fisheries (Moore 2014a; Table 3). A weekly sample size of 400 fish enabled all commercially harvested age classes to be simultaneously estimated within $\pm 6.5\%$ of the true proportion with 95% confidence (Thompson 1987).

When weekly targeted catch sample sizes were obtained, total catch-at-age by area and day were estimated by multiplying the daily age composition of a particular sample by the daily catch from the corresponding catch area. Age composition of the catch from days not sampled was estimated using linear interpolation between sampling events. Descriptions of component programs used to compute ASL composition summaries can be found in database end user documentation (Unpublished ADF&G Commercial Fisheries Division database documentation, Neil Moomey, 2014, Kodiak, Alaska).

SOCKEYE SALMON RUN RECONSTRUCTION ESTIMATES

Karluk Lake

Early Run

The majority of Karluk sockeye salmon are assumed to be harvested within the NW and SW Kodiak Districts (Barrett and Nelson 1995). A natural age marker (freshwater-age-3) was used to estimate the number by age class of sockeye salmon bound for Karluk Lake that were harvested in the westside Kodiak commercial fishery (Witteveen et al. 2005). Karluk early- and late-run sockeye salmon are temporally and genetically distinct. The early run typically escape in June and early July. Catch through 15 July and escapement through 21 July has historically been considered the early run; the 6 day difference between the 2 dates accounts for the considerable lag time between harvest and escapement at Karluk weir.

The number of Karluk Lake-bound sockeye salmon harvested in the Central, Inner and Outer Karluk, and Sturgeon sections through 15 July was estimated following the methods described in Barrett and Nelson (1995). The total Karluk Lake early-run estimate was calculated by summing the escapement (through 21 July) and assigned catch numbers by age class. Estimates by age class were assigned to the parent year (brood year) escapement and return-per-spawner (R/S) estimates were calculated by dividing annual returns by respective parent year escapements.

Late Run

Karluk Lake late-run sockeye salmon typically escape in August and September. Catches after 15 July and escapements after 21 July have historically been considered the late run.

The number of Karluk Lake-bound sockeye salmon harvested in the Central and Inner and Outer Karluk sections after 15 July were estimated following the methods described in Barrett and Nelson (1995). The total Karluk late-run estimate was determined by summing the escapement (after 21 July) and assigned catch numbers by age class. Estimates by age class were assigned to the parent year (brood year) escapement and R/S estimates were calculated by dividing annual returns by respective parent year escapements.

Ayakulik River (Red Lake)

The majority of sockeye salmon bound for Ayakulik are assumed to be harvested within the SW Kodiak District. Historically, the Ayakulik run reconstruction was accomplished by combining the Ayakulik River weir sockeye salmon escapement, 90% of the total Inner and Outer Ayakulik sections sockeye salmon catch, and 33% of the Halibut Bay Section sockeye salmon catch for the period from 21 June through 1 August by age class (Witteveen et al. 2005). Due to the age composition and timing of the Ayakulik-Halibut Bay catch samples, 75% of the Ayakulik-Halibut Bay sections harvest through 25 July and 50% of the harvest after 25 July were used to estimate the commercial catch attributable to the 2014 Ayakulik sockeye salmon run. Twenty percent of the fish caught in the Karluk and Sturgeon sections of the SW Kodiak District were attributable to the 2014 Ayakulik sockeye salmon run through 25 July, and 10% of the Karluk and Sturgeon sections catch were attributable to the Ayakulik sockeye salmon run after 25 July. Estimates by age class were assigned to the parent year (brood year) escapement and R/S estimates were calculated by dividing annual returns by respective parent year escapements. Although the Ayakulik sockeye salmon run reconstruction and brood tables were not separated into early- and late-run components, historically (prior to 1989) the run was treated as such. In addition, separate early- and late-run goals for Ayakulik sockeye salmon were reinstated in 2011 (Nemeth et al. 2010). Thus, the 2014 Ayakulik age and sex composition tables contained in this report are separated into early and late components for comparative purposes; however, separate early- and late-run brood tables have not yet been developed. While Ayakulik early- and late-run sockeye salmon are genetically distinct, the 2 runs are not as temporally distinct as that observed at Karluk and Upper Station. Therefore the early- and late-run separation date of 15 July is fairly arbitrary but was chosen for consistency with the other early- and late-run Kodiak sockeye salmon systems.

Frazer Lake (Dog Salmon Creek)

The majority of sockeye salmon bound for Frazer Lake are assumed to be harvested in the Alitak District. Run timing of Frazer Lake (Dog Salmon Creek) sockeye salmon coincides with both the early and late runs to Upper Station (Sagalkin 1999), and therefore run reconstructions for both are done concurrently. Based on previous studies (Swanton 1992, Tyler et al. 1986), 80% of the catch in the Cape Alitak and Humpy-Deadman sections and 95% of the catch in the Alitak, Moser, and Olga Bay sections were assumed to be of either Frazer Lake or Upper Station origin (Witteveen et al. 2005). The Frazer Lake catch estimate was based on a weekly proportion (using a running 3-day average) of Frazer/Upper Station harvest proportion escapement on 80% of the Cape Alitak and Humpy-Deadman sections harvest and 95% of the Alitak, Moser, and Olga bays section harvest. In 2014, fishing occurred in the Dog Salmon Flats Section. Harvest in this section was attributed to Frazer (95%) and Upper Station (5%) before a 95% adjustment for other stocks (similar to the Alitak, Moser, and Olga bay sections). The Frazer/Upper Station age composition estimates, determined from scale samples collected weekly, were used to apportion harvest to the Frazer and Upper Station runs. The differences between Frazer and Upper Station travel time between gillnet harvest and escapement were accounted for in the analysis (Foster 2003). The catch estimate for Frazer Lake, by age class, was added to escapement counted at Dog Salmon (including culled jacks). Total run estimates by age class were assigned to the parent year (brood year) escapement (Frazer Fish Pass) and R/S estimates were calculated by dividing annual returns by respective parent year escapements.

Upper Station (South Olga Lakes)

Early Run

Upper Station (South Olga Lakes) has a temporally and genetically distinct early- and late-run sockeye salmon component that was estimated separately in 2014. The early run typically escapes in June and early July. Catch and escapement through 15 July has historically been considered the early run.

Upper Station early-run sockeye salmon are generally harvested along with the Frazer Lake run in the Alitak District during June and early July. The early-run catch estimate was based on a weekly proportion of Frazer/Upper Station escapement differences as described above for the Frazer Lake run reconstruction through 15 July. Total run estimates by age class were assigned to the parent year (brood year) escapement and R/S estimates were calculated by dividing annual returns by respective parent year escapements.

Late Run

Upper Station late-run sockeye salmon typically escape in August and September. Catch and escapement after 15 July has historically been considered the late run.

The number of Upper Station late-run sockeye salmon harvested in the Alitak District after 15 July were estimated in an identical fashion as the early run. The total Upper Station late-run estimate was determined by summing escapement counts after 15 July from the Upper Station weir and assigned catch numbers by age class. Estimates by age class were assigned to the parent year (brood year) escapement and R/S estimates were calculated by dividing annual returns by respective parent year escapements.

BROOD TABLES AND HISTORICAL TRENDS

All run reconstruction estimates were used to update their respective brood tables. Reliable and consistent run reconstruction data for Karluk Lake only date back to 1985; however, smaller more defined harvest areas for Ayakulik, Upper Station, and Frazer Lake salmon provide reliable data back to the early 1970s. Total run estimates and annual trends in freshwater and saltwater ages of sockeye salmon, by run year, were graphed for visual interpretation (Figures 7–14).

KODIAK SALMON TEST FISHERY

A purse seine test fishery was conducted in the Outer Karluk Section of the Southwest Kodiak District on 3 and 4 June. Catches from each set were enumerated by species, and scale samples were collected for age estimation. Test fishery protocol follow the methods of the Kodiak Sockeye Salmon Test Fishery Operational Plan (Moore 2014c).

RESULTS

ABUNDANCE ESTIMATES AND ASL DATA

Escapement

Escapement estimates through 9 weirs in the KMA are found in Tables 4 and 5. Salmon counted at the Frazer fish pass initially pass through the Dog Salmon weir. Typically there are a varying number of fish that pass Dog Salmon weir but fail to get counted at the Frazer fish pass. Sockeye salmon that fail to get counted at Frazer fish pass may not spawn, and therefore the Frazer fish pass count is considered the best escapement estimate for sockeye salmon.

A total of 12,656 escapement scale samples were ageable and used to represent a combined escapement of 1,599,677 sockeye salmon (Table 6). To simplify reporting hereafter, all estimates of age composition will be rounded to the nearest percent. Primary age classes varied by system and area, but major overall age classes were 2.2 (58%), 2.3 (15%), and 1.2 (14%). Individual age, length, and sex composition summaries by escapement area are presented in Tables 7 through 36.

Age-1.3 (45%), -1.2 (23%), and -2.2 (14%) sockeye salmon predominated Afognak Lake escapement (Table 7). On the westside of Kodiak Island, escapement to Karluk Lake was predominated by age-2.2 (40%), -2.3 (32%), and -2.1 (15%) sockeye salmon in the early run (Table 10) and by age-2.2 (65%) and -2.3 (23%) sockeye salmon in the late run (Table 13). On the southwest end of Kodiak Island, escapement to Ayakulik River was composed of age-1.2 (65%), -2.2 (14%), and -1.3 (12%) sockeye salmon in the early run (Table 15) and by age-2.2 (66%), -1.2 (22%), and -2.3 (16%) sockeye salmon in the late run (Table 18). In the Alitak District, escapement to Upper Station was predominated by age-2.2 (71%) and -2.1 (18%) fish in the early run (Table 20) and by age-2.2 (90%) sockeye salmon in the late run (Table 23). Escapement to Frazer Lake was predominated by age-2.2 (87%) sockeye salmon (Table 25). On the eastside of Kodiak Island, escapement to Saltery Lake was predominated by age-1.3 (47%) and -2.2 (42%) sockeye salmon (Table 28). Pasagshak River sockeye salmon were composed primarily of age-1.3 (71%) and -1.2 (9%) fish (Table 31). Pauls Bay escapement was predominated by age-1.2 (60%), -1.3 (13%), and -1.1 (11%) sockeye salmon (Table 34).

In 2014, for all ages combined, the average length of sockeye salmon was largest in Pasagshak (547 mm; Table 32), and smallest in Afognak Lake (449 mm; Table 8). For age-2.2 sockeye salmon, average length of sockeye salmon was largest in Pasagshak (545 mm) and smallest at Afognak Lake (425 mm; Table 37). Age-2.3 sockeye salmon were largest in the Upper Station late run (566 mm) and smallest at Afognak (474 mm; Table 38). Sex percentages of sockeye salmon escapement samples ranged from 33% female for the Pasagshak run (Table 33) to 61% female at Frazer (Table 27).

Commercial Harvest

The 2014 commercial salmon catch in the KMA totaled 14,763,676 fish consisting of 8,571 Chinook; 3,266,317 sockeye; 474,265 coho; 10,677,933 pink; and 336,590 chum salmon (Tables 39 and 40). To most accurately represent run strength, these numbers include test fish harvests and personal use fish retained from commercial catch. The 2014 overall salmon harvest was less than the recent 10-year (2004–2013) and 5-year (2009–2013) averages of 25.0 and 22.8 million fish. The greatest district harvest of commercial sockeye salmon occurred within the Afognak District, followed by the Northwest Kodiak and Southwest Kodiak districts (Table 40).

During the 2014 season, samples from commercially harvested sockeye salmon (15,491 ageable scales) were used to represent the commercial catch from areas throughout the KMA (Table 41). These samples were used to represent a combined catch of 2,392,624 sockeye salmon. The overall sockeye salmon catch was predominantly composed of age-2.2 (59%), -1.2 (15%), and -1.3 (11%) fish; however, primary age classes varied by section and district. Individual age, length, and sex composition summaries by catch are presented in Tables 42 through 47.

The commercial sockeye salmon catch from Uganik Bay, Viekoda Bay, and Kupreanof Strait was composed predominately of age-2.2 (54%), -1.3 (17%), and -1.2 (14%) fish (Table 42). Commercial harvests in Uyak Bay were predominantly composed of age-2.2 (52%), -1.3 (18%),

and -2.3 (15%) sockeye salmon (Table 43). The Ayakulik and Halibut Bay sections of the Southwest Kodiak District commercial sockeye salmon catches were predominated by age-1.2 (38%), -2.2 (38%), and -1.3 (13%) fish (Table 44). The Karluk and Sturgeon sections' catch was composed primarily of age-2.2 (76%) and -2.3 (8%) fish (Table 45). The inside gillnet areas of Alitak Bay, Moser Bay, and Olga Bay sections (including the Dog Salmon Flats Section) had catch samples that were predominantly composed of age-2.2 (77%) and -2.3 (15%) sockeye salmon (Table 46). Samples collected from the outside purse seine areas, which include the Cape Alitak and Humpy-Deadman sections, were predominantly composed of age-2.2 (62%), -1.3 (16%), and -2.3 (15%) sockeye salmon (Table 47).

SOCKEYE SALMON RUN RECONSTRUCTION ESTIMATES

Karluk Lake

Early Run

The 2014 Karluk Lake early sockeye salmon total run estimate of 428,420 was predominantly composed of age-2.2 (44%), -2.3 (34%), and -2.1 (10%) fish (Table 48). The estimated 2014 Karluk early run was slightly less than the 2013 run estimate but was above the recent 10-year average (2004–2013) of 336,569 fish (Figure 7). The 1998 through 2007 Karluk early-run sockeye salmon escapements have produced an estimated average return of 365,570 fish (range: 54,010–854,229) with an average R/S estimate of 1.2 (Table 49).

Late Run

The Karluk Lake late-run sockeye salmon total run was estimated to be 1,288,362 fish in 2014 (Table 50). Age-2.2 (72%) and -2.3 (17%) fish were predominant. The 2014 run estimate was larger than the 2013 run estimate of 753,414 and above the recent 10-year average (2004–2013) estimated run of 542,181 fish (Figure 8). The 1998 through 2007 Karluk Lake late-run sockeye salmon escapements have produced an estimated average return of 594,351 fish (range: 168,266–1,204,530) with an average R/S estimate of 1.5 (Table 51).

Ayakulik River (Red Lake)

The total run of sockeye salmon to the Ayakulik River in 2014 was estimated at 627,422 fish, with age-1.2 (44%), -2.2 (34%), and -1.3 (12%) fish accounting for the majority of the run (Table 52). The 2014 estimated run was more than the 2013 run estimate of 430,041 fish, and above the recent 10-year average (2004–2013) of 382,311 fish (Figure 9). The 1998–2007 Ayakulik sockeye salmon escapements have produced an estimated average return of 356,654 fish (range: 194,605–636,871) with an average R/S estimate of 1.7 (Table 53).

Frazer Lake (Dog Salmon Creek)

The 2014 Frazer Lake sockeye salmon total run estimate of 419,836 was predominantly composed of age-2.2 (78%) and -2.3 (11%) fish (Table 54). The 2014 run was larger than the 2013 estimated run (271,230), and above the recent 10-year average (2004–2013) of 380,105 fish (Figure 10). Frazer Lake sockeye salmon escapements from 1998–2007 have produced an estimated average return of 389,345 fish (range: 158,805–867,981) with an average R/S estimate of 2.7 (Table 55).

Upper Station (South Olga Lakes)

Early Run

The 2014 Upper Station early sockeye salmon total run estimate of 44,562 was predominantly composed of age-2.2 (69%) and -2.1 (15%) fish (Table 56). This estimated run was less than the 2013 run of 57,431 sockeye salmon and below the 10-year average (2004–2013) of 89,692 (Figure 11). The 1998–2007 Upper Station early-run sockeye salmon escapements have produced an estimated average return of 94,199 fish (range: 19,289–254,768) with an average R/S estimate of 2.1 (Table 57).

Late Run

The 2014 Upper Station late-run sockeye salmon total run estimate of 194,052 fish was predominantly composed of age-2.2 (88%) fish (Table 58). The 2014 estimated run was larger than the 2013 estimated run (159,403) but below the recent 10-year average (2004–2013) of 272,391 fish (Figure 12). Upper Station late-run salmon escapements from 1998–2007 have produced an estimated average return of 292,192 fish (range: 110,971–480,610) with an average R/S estimate of 1.8 (Table 59).

HISTORICAL SIZE AND AGE TRENDS OF KODIAK SOCKEYE SALMON

Karluk Lake

Sockeye salmon freshwater residence time in Karluk Lake is typically 2 years, but often will extend to 3 years (Kyle et al. 1988; Rounsefell 1958). Since 1985, freshwater-age-2 sockeye salmon have predominated the annual runs, with the exception of the early 1990s when freshwater-age-3 fish spiked in abundance (Figure 13). Freshwater-age-3 fish, while not normally predominant since the inception of sampling for salmon age (1920s), have consistently been an important part of the Karluk Lake early and late runs. It is important to note that extended freshwater residence for sockeye salmon often signifies decreased overall lake productivity and subsequent adult salmon returns (Foerster 1968). Recently, decreases in the freshwater-age-3 component from highly elevated levels have been evident. Between 2003 and 2010, the freshwater-age-3 component of the early run increased from 13% to 47% (Figure 13). From 2011–2014, the percentage of freshwater-age-3 sockeye in the Karluk Lake early run decreased from 36% to 4%, bringing it below historic levels. The freshwater-age-3 component of the Karluk Lake late run saw slight increases beginning in the early 2000s, but in 2009 and 2010, the Karluk Lake late-run freshwater-age-3 component was unusually high (90% and 73%). This component of the run has decreased in recent years from 35% in 2011 to 6% in 2014 (Figure 13).

Both early- and late-run Karluk Lake sockeye salmon typically spend 2 years in the ocean, making age-2.2 the dominant historical age class since the 1920s. The late run has historically had a lesser saltwater-age-3 component. In 2014, the early run had similar proportions of saltwater-age-2 and -3 sockeye salmon, but the late run consisted of a smaller proportion of saltwater-age-3 fish (Figure 14).

Average size of age-2.2 sockeye salmon at Karluk Lake has generally declined since the mid-1980s (Table 37). The 2014 average length of age 2.2 sockeye salmon for the Karluk early and late runs was near or below historical averages (Table 37). In 2014, the early run age-2.2 fish averaged 489 mm, and the late run age-2.2 fish averaged 524 mm.

Ayakulik (Red Lake)

Freshwater residence time for Ayakulik sockeye salmon has generally been 2 years but often fish will migrate to the ocean after spending only 1 year in Red Lake, as indicated by age samples of the escapement. In 2014, roughly 57% of the run was freshwater-age-1 and 43% freshwater-age-2 (Figure 13).

Ayakulik River sockeye salmon commonly spend 2 years in the ocean but frequently rear at sea for 3 years. Age composition estimates from the 2014 run show that the saltwater-age-2 component was approximately 78%, and the saltwater-age-3 component was approximately 18% (Figure 14).

In 2014 the average size of age-2.2 and -2.3 sockeye salmon at Ayakulik was below average; similar to Karluk, the average size at Ayakulik has generally declined since the 1980s (Tables 37–38).

Frazer Lake

Freshwater residence time for Frazer Lake sockeye salmon has typically been 2 years, but often fish will outmigrate to the ocean after only 1 year (Barrett 1989; Foster 2010; Sagalkin 1999). An increasing proportion of freshwater-age-3 fish were seen beginning in the 1990s. This component of the run declined for several years, increased again in 2013, and was nonexistent in 2014 (Figure 13). In 2014, the Frazer Lake sockeye salmon freshwater-age-2 component increased from previous years and remained the most abundant freshwater age class (93%). The freshwater-age-1 component decreased from 2013 (Figure 13).

Frazer Lake sockeye salmon commonly spend 2 years in the ocean but also rear at sea for 1 to 3 years (Figure 14). Inconsistent cycles and highly variable saltwater ages present at Frazer are not surprising considering the recent colonization of this newly anadromous system. The last 10 years have shown considerable increases in the variability of the abundance of saltwater-age-1 fish, highlighted during the 2003, 2007, and 2010 runs, in which saltwater-age-1 sockeye salmon (jacks) outnumbered the saltwater-age-2 and -3 fish (Figure 14). The 2014 run was predominately saltwater-age-2 (81%) and age-3 (15%) fish.

The average size of 2014 age-2.2 sockeye salmon at Frazer (482 mm) was below the historical average of 504 mm (1985–2011; Table 37).

Frazer Lake freshwater- and saltwater-ages fluctuate more than other major Westward Region sockeye salmon stocks. The recent abundance of saltwater-age-1 sockeye salmon has raised concern in the Alitak Bay area, leading management and research staff to closely monitor returns to the system. The return of saltwater-age-1 sockeye salmon (jacks) to Frazer in 2014 was much lower than expected.

Upper Station (South Olga Lakes)

Freshwater residence time for Upper Station early run sockeye salmon has typically been 2 years, but often fish will outmigrate to the ocean after only 1 year as indicated by age data from the escapement; in 2014 the proportions favored freshwater-age-2 fish (90% for the early run and 93% for the late run). From the late 1980s to the mid-1990s, freshwater-age-2 fish were predominant in the early run, but the late run demonstrated strong components of freshwater-age-0 (Figure 13) sockeye salmon that coincided with extremely large runs (Foster 2011). Since the

mid-1990s, the early run has shown strong components of both freshwater-age-1 and age-2 fish, whereas the late run has been predominately freshwater-age-2 fish.

Upper Station sockeye salmon typically spend 2 years in the ocean but also commonly stay at sea for 3 years. In 2014, the Upper Station early and late runs were composed predominately of saltwater-age-2 sockeye salmon (74% and 93% respectively; Figure 14).

In 2014, the average size of age-2.2 and -2.3 sockeye salmon in both the early and late runs at Upper Station were below the historical averages (Tables 37–38).

KODIAK SALMON TEST FISHERY

A total of 3,909 sockeye salmon were harvested during the test fishery in 2014. On 3 June, 7 sets at Cape Uyak (southbound) were completed. On 4 June, 8 sets at Cape Uyak (southbound) were completed. The standardized sets yielded an average of approximately 519 sockeye salmon per set in 2014, which is the largest average catch per set since the inception of the test fishery (range: 50–519). A summary of the test fishery is presented in Table 60.

Scale samples were collected from 393 sockeye salmon for age determination. The 2014 sockeye salmon test fish consisted predominantly of age-2.2 (43%), -1.2 (25%), and -2.3 (17%) sockeye salmon (Table 61).

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TABLES AND FIGURES

Table 1.—Kodiak Management Area sockeye salmon escapement sampling schedule, 2014.

| Sample Location | Crew Supervision | Stream No. | Sampling Frequency | Sample Size |
|-----------------------|---------------------|---------------|-----------------------|--------------------|
| Major Systems | | | | |
| Karluk River weir | Spalinger | 255-10-101 | 3 times per week | 240 (weekly total) |
| Ayakulik River weir | Spalinger | 256-15-201 | 3 times per week | 240 (weekly total) |
| Upper Station weir | Spalinger | 257-30-304 | 3 times per week | 240 (weekly total) |
| Frazer Lake fish pass | Thomsen | 257-40-403 | 3 times per week | 240 (weekly total) |
| Minor Systems | | | | |
| Afognak (Litnik) weir | Thomsen | 252-34-342 | weekly | 600 (season total) |
| Saltery Lake weir | Richardson | 259-41-415 | weekly | 600 (season total) |
| Pasagshak River weir | Witteveen | 259-43-411 | 3 times per week | 240 (weekly total) |
| Pauls Lake weir | Richardson | 251-85-831 | 2 times | 600 (season total) |

Table 2.—Statistical weeks and corresponding calendar dates, 2014.

| Week | Calendar Dates | | | Week | Calendar Dates | | |
|------|----------------|---|--------|------|----------------|---|--------|
| 10 | 1-Mar | — | 7-Mar | 28 | 5-Jul | — | 11-Jul |
| 11 | 8-Mar | — | 14-Mar | 29 | 12-Jul | — | 18-Jul |
| 12 | 15-Mar | — | 21-Mar | 30 | 19-Jul | — | 25-Jul |
| 13 | 22-Mar | — | 28-Mar | 31 | 26-Jul | — | 1-Aug |
| 14 | 29-Mar | — | 4-Apr | 32 | 2-Aug | — | 8-Aug |
| 15 | 5-Apr | — | 11-Apr | 33 | 9-Aug | — | 15-Aug |
| 16 | 12-Apr | — | 18-Apr | 34 | 16-Aug | — | 22-Aug |
| 17 | 19-Apr | — | 25-Apr | 35 | 23-Aug | — | 29-Aug |
| 18 | 26-Apr | — | 2-May | 36 | 30-Aug | — | 5-Sep |
| 19 | 3-May | — | 9-May | 37 | 6-Sep | — | 12-Sep |
| 20 | 10-May | — | 16-May | 38 | 13-Sep | — | 19-Sep |
| 21 | 17-May | — | 23-May | 39 | 20-Sep | — | 26-Sep |
| 22 | 24-May | — | 30-May | 40 | 27-Sep | — | 3-Oct |
| 23 | 31-May | — | 6-Jun | 41 | 4-Oct | — | 10-Oct |
| 24 | 7-Jun | — | 13-Jun | 42 | 11-Oct | — | 17-Oct |
| 25 | 14-Jun | — | 20-Jun | 43 | 18-Oct | — | 24-Oct |
| 26 | 21-Jun | — | 27-Jun | 44 | 25-Oct | — | 31-Oct |
| 27 | 28-Jun | — | 4-Jul | 45 | 1-Nov | — | 7-Nov |

Table 3.—Kodiak Management Area sockeye and chum salmon catch sampling schedule, 2014.

| District | Geographic Area | Species | Statistical area(s) | Primary sampling site | Crew leader | Sample | |
|----------------------------------|------------------------------|---------|---------------------|-----------------------|-------------|----------------|------|
| | | | | | | Frequency | Size |
| Northwest Kodiak District | | | | | | | |
| | Uganik/Viekoda/Kupreanof | Sockeye | 253-11 – 253-35 | Kodiak | McFarland | weekly | 400 |
| | Uyak Bay | Sockeye | 254-10 – 254-40 | Larsen Bay | McFarland | weekly | 400 |
| Southwest Kodiak District | | | | | | | |
| | Inner/Outer Karluk Section | Sockeye | 255-10 – 255-20 | Larsen Bay | McFarland | weekly | 400 |
| | Sturgeon Section | Sockeye | 256-40 | Kodiak | McFarland | when available | 400 |
| | Halibut/Gurney Bay | Sockeye | 256-25 – 256-30 | Lazy Bay (Alitak) | McFarland | weekly | 400 |
| | Inner/Outer Ayakulik Section | Sockeye | 256-10 – 256-20 | Larsen Bay | McFarland | weekly | 400 |
| Alitak Bay District | | | | | | | |
| | Moser/Olga Bay | Sockeye | 257-40 – 257-43 | Olga Bay | Dias/Wallin | weekly | 400 |

Table 4.—Daily and cumulative (cum.) sockeye salmon escapement counted through weirs by system, Kodiak Management Area, 2014.

| Date | System (weir) | | | | | | | | | | | | | | | | | |
|------|---------------|--------|----------|---------|------------|--------|------------------|-------|--------|---------|-----------|------|-------|------|---------|-------|---------------|------|
| | Afognak | | Ayakulik | | Dog Salmon | | Frazer fish pass | | Karluk | | Pasagshak | | Pauls | | Saltery | | Upper Station | |
| | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. |
| 5/11 | 1 | 1 | | | | | | | | | | | | | | | | |
| 5/12 | 0 | 1 | | | | | | | | | | | | | | | | |
| 5/13 | 5 | 6 | | | | | | | | | | | | | | | | |
| 5/14 | 1 | 7 | | | | | | | | | | | | | | | | |
| 5/15 | 4 | 11 | | | | | | | | | | | | | | | | |
| 5/16 | 3 | 14 | | | | | | | | | | | | | | | | |
| 5/17 | 27 | 41 | | | | | | | | | | | | | | | | |
| 5/18 | 61 | 102 | | | | | | | | | | | | | | | | |
| 5/19 | 14 | 116 | | | | | | | | | | | | | | | | |
| 5/20 | 26 | 142 | | | | | | | | | | | | | | | | |
| 5/21 | 56 | 198 | | | | | | | | | | | | | | | | |
| 5/22 | 143 | 341 | | | | | | | | | | | | | | | | |
| 5/23 | 109 | 450 | | | | | | | | | | | | | | | | |
| 5/24 | 392 | 842 | 255 | 255 | | | | | 1,200 | 1,200 | | | | | | | | |
| 5/25 | 215 | 1,057 | 416 | 671 | | | | | 2,654 | 3,854 | | | | | | 10 | 10 | |
| 5/26 | 83 | 1,140 | 56 | 727 | | | | | 620 | 4,474 | | | | | | 0 | 10 | |
| 5/27 | 22 | 1,162 | 0 | 727 | | | | | 14 | 4,488 | | | | | | 35 | 45 | |
| 5/28 | 0 | 1,162 | 4,202 | 4,929 | 0 | 0 | | | 1,774 | 6,262 | | | | | | 87 | 132 | |
| 5/29 | 1,161 | 2,323 | 671 | 5,600 | 0 | 0 | | | 8,535 | 14,797 | | | | | | 3 | 135 | |
| 5/30 | 1,387 | 3,710 | 2,387 | 7,987 | 0 | 0 | | | 762 | 15,559 | | | | | | 223 | 358 | |
| 5/31 | 738 | 4,448 | 2,665 | 10,652 | 0 | 0 | | | 13,096 | 28,655 | | | | | | 261 | 619 | |
| 6/1 | 1,204 | 5,652 | 2,057 | 12,709 | 0 | 0 | | | 16,296 | 44,951 | | | | | | 1,020 | 1,639 | |
| 6/2 | 2,166 | 7,818 | 41,967 | 54,676 | 0 | 0 | | | 6,790 | 51,741 | | | | | | 1,485 | 3,124 | |
| 6/3 | 998 | 8,816 | 6,227 | 60,903 | 5 | 5 | | | 3,026 | 54,767 | | | | | | 133 | 3,257 | |
| 6/4 | 1,086 | 9,902 | 13,579 | 74,482 | 0 | 5 | | | 18,608 | 73,375 | | | | | | 1,546 | 4,803 | |
| 6/5 | 916 | 10,818 | 13,545 | 88,027 | 0 | 5 | 5 | 5 | 15,900 | 89,275 | | | | | | 1,177 | 5,980 | |
| 6/6 | 10,658 | 21,476 | 2,816 | 90,843 | 5,980 | 5,985 | 1 | 6 | 3,582 | 92,857 | | | | | | 1,605 | 7,585 | |
| 6/7 | 446 | 21,922 | 47 | 90,890 | 1,553 | 7,538 | 0 | 6 | 16,321 | 109,178 | | 241 | 241 | | | 1,505 | 9,090 | |
| 6/8 | 8 | 21,930 | 2,903 | 93,793 | 3,823 | 11,361 | 1,440 | 1,446 | 3,369 | 112,547 | | 463 | 704 | | | 1,641 | 10,731 | |
| 6/9 | 176 | 22,106 | 3,100 | 96,893 | 1,847 | 13,208 | 1,795 | 3,241 | 4,850 | 117,397 | | 8 | 712 | | | 1,795 | 12,526 | |
| 6/10 | 43 | 22,149 | 1,471 | 98,364 | 1,803 | 15,011 | 1,753 | 4,994 | 6,394 | 123,791 | | 21 | 733 | | | 764 | 13,290 | |
| 6/11 | 469 | 22,618 | 3,703 | 102,067 | 1,621 | 16,632 | 1,218 | 6,212 | 3,504 | 127,295 | | 88 | 821 | | | 830 | 14,120 | |
| 6/12 | 129 | 22,747 | 398 | 102,465 | 5,401 | 22,033 | 337 | 6,549 | 4,975 | 132,270 | | 226 | 1,047 | | | 1,131 | 15,251 | |

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Table 4.—Page 2 of 4.

| Date | System (weir) | | | | | | | | | | | | | | | | | |
|-------|---------------|--------|----------|---------|------------|---------|------------------|---------|--------|---------|-----------|-------|-------|--------|---------|--------|---------------|--------|
| | Afognak | | Ayakulik | | Dog Salmon | | Frazer fish pass | | Karluk | | Pasagshak | | Pauls | | Saltery | | Upper Station | |
| Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | |
| 6/13 | 1,260 | 24,007 | 2,037 | 104,502 | 3,462 | 25,495 | 1,792 | 8,341 | 3,414 | 135,684 | 1 | 1 | 19 | 1,066 | | | 183 | 15,434 |
| 6/14 | 24 | 24,031 | 541 | 105,043 | 906 | 26,401 | 368 | 8,709 | 2,089 | 137,773 | 0 | 1 | 35 | 1,101 | | | 964 | 16,398 |
| 6/15 | 244 | 24,275 | 1,841 | 106,884 | 1,471 | 27,872 | 1,189 | 9,898 | 1,052 | 138,825 | 0 | 1 | 6 | 1,107 | | | 726 | 17,124 |
| 6/16 | 902 | 25,177 | 1,206 | 108,090 | 1,759 | 29,631 | 10,423 | 20,321 | 59 | 138,884 | 16 | 17 | 0 | 1,107 | | | 882 | 18,006 |
| 6/17 | 11 | 25,188 | 2,200 | 110,290 | 240 | 29,871 | 624 | 20,945 | 892 | 139,776 | 0 | 17 | 3,037 | 4,144 | | | 1,093 | 19,099 |
| 6/18 | 15 | 25,203 | 1,400 | 111,690 | 6,390 | 36,261 | 2,514 | 23,459 | 5,218 | 144,994 | 32 | 49 | 919 | 5,063 | | | 688 | 19,787 |
| 6/19 | 430 | 25,633 | 400 | 112,090 | 674 | 36,935 | 1,133 | 24,592 | 2,778 | 147,772 | 0 | 49 | 1,131 | 6,194 | 24 | 24 | 1,541 | 21,328 |
| 6/20 | 206 | 25,839 | 1,500 | 113,590 | 14,100 | 51,035 | 288 | 24,880 | 7,347 | 155,119 | 44 | 93 | 2 | 6,196 | 80 | 104 | 1,094 | 22,422 |
| 6/21 | 1,129 | 26,968 | 13,000 | 126,590 | 1,058 | 52,093 | 1,423 | 26,303 | 14,128 | 169,247 | 0 | 93 | 904 | 7,100 | 68 | 172 | 746 | 23,168 |
| 6/22 | 926 | 27,894 | 1,600 | 128,190 | 5,199 | 57,292 | 1,602 | 27,905 | 2,735 | 171,982 | 0 | 93 | 1,105 | 8,205 | 103 | 275 | 1,170 | 24,338 |
| 6/23 | 123 | 28,017 | 400 | 128,590 | 2,418 | 59,710 | 2,732 | 30,637 | 12,829 | 184,811 | 0 | 93 | 725 | 8,930 | 100 | 375 | 1,180 | 25,518 |
| 6/24 | 158 | 28,175 | 540 | 129,130 | 8,090 | 67,800 | 1,143 | 31,780 | 2,352 | 187,163 | 31 | 124 | 215 | 9,145 | 23 | 398 | 760 | 26,278 |
| 6/25 | 352 | 28,527 | 800 | 129,930 | 11,728 | 79,528 | 1,682 | 33,462 | 1,340 | 188,503 | 11 | 135 | 73 | 9,218 | 7 | 405 | 566 | 26,844 |
| 6/26 | 854 | 29,381 | 2,600 | 132,530 | 2,831 | 82,359 | 165 | 33,627 | 2,097 | 190,600 | 0 | 135 | 110 | 9,328 | 102 | 507 | 310 | 27,154 |
| 6/27 | 35 | 29,416 | 1,800 | 134,330 | 12,500 | 94,859 | 142 | 33,769 | 4,426 | 195,026 | 5 | 140 | 83 | 9,411 | 134 | 641 | 820 | 27,974 |
| 6/28 | 298 | 29,714 | 3,000 | 137,330 | 1,641 | 96,500 | 3,525 | 37,294 | 1,017 | 196,043 | 1 | 141 | 15 | 9,426 | 119 | 760 | 1,167 | 29,141 |
| 6/29 | 567 | 30,281 | 6,250 | 143,580 | 2,883 | 99,383 | 7,989 | 45,283 | 1,528 | 197,571 | 23 | 164 | 0 | 9,426 | 54 | 814 | 1,898 | 31,039 |
| 6/30 | 283 | 30,564 | 4,616 | 148,196 | 2,318 | 101,701 | 5,103 | 50,386 | 909 | 198,480 | 1 | 165 | 1,633 | 11,059 | 179 | 993 | 221 | 31,260 |
| 7/1 | 105 | 30,669 | 1,429 | 149,625 | 1,789 | 103,490 | 5,122 | 55,508 | 370 | 198,850 | 0 | 165 | 395 | 11,454 | 9 | 1,002 | 1,220 | 32,480 |
| 7/2 | 126 | 30,795 | 108 | 149,733 | 3,296 | 106,786 | 651 | 56,159 | 4,749 | 203,599 | 7 | 172 | 5 | 11,459 | 80 | 1,082 | 660 | 33,140 |
| 7/3 | 57 | 30,852 | 3,630 | 153,363 | 7,219 | 114,005 | 710 | 56,869 | 378 | 203,977 | 88 | 260 | 180 | 11,639 | 143 | 1,225 | 551 | 33,691 |
| 7/4 | 180 | 31,032 | 4,580 | 157,943 | 2,521 | 116,526 | 4,726 | 61,595 | 924 | 204,901 | 8 | 268 | 326 | 11,965 | 54 | 1,279 | 403 | 34,094 |
| 7/5 | 88 | 31,120 | 11,441 | 169,384 | 2,725 | 119,251 | 14,354 | 75,949 | 5,366 | 210,267 | 0 | 268 | 206 | 12,171 | 665 | 1,944 | 119 | 34,213 |
| 7/6 | 234 | 31,354 | 9,031 | 178,415 | 3,415 | 122,666 | 3,856 | 79,805 | 2,288 | 212,555 | 0 | 268 | 3 | 12,174 | 1,065 | 3,009 | 101 | 34,314 |
| 7/7 | 433 | 31,787 | 1,818 | 180,233 | 6,722 | 129,388 | 394 | 80,199 | 4,422 | 216,977 | 0 | 268 | 15 | 12,189 | 1,173 | 4,182 | 216 | 34,530 |
| 7/8 | 305 | 32,092 | 944 | 181,177 | 5,438 | 134,826 | 10,782 | 90,981 | 1,218 | 218,195 | 0 | 268 | 65 | 12,254 | 695 | 4,877 | 214 | 34,744 |
| 7/9 | 138 | 32,230 | 7,507 | 188,684 | 4,603 | 139,429 | 1,227 | 92,208 | 3,431 | 221,626 | 12 | 280 | 0 | 12,254 | 857 | 5,734 | 836 | 35,580 |
| 7/10 | 78 | 32,308 | 10,190 | 198,874 | 4,521 | 143,950 | 11,971 | 104,179 | 4,725 | 226,351 | 19 | 299 | 995 | 13,249 | 517 | 6,251 | 164 | 35,744 |
| 7/11 | 759 | 33,067 | 2,925 | 201,799 | 3,203 | 147,153 | 799 | 104,978 | 1,116 | 227,467 | 0 | 299 | 177 | 13,426 | 484 | 6,735 | 101 | 35,845 |
| 7/12 | 78 | 33,145 | 5,886 | 207,685 | 3,208 | 150,361 | 2,789 | 107,767 | 686 | 228,153 | 51 | 350 | 218 | 13,644 | 353 | 7,088 | 253 | 36,098 |
| 7/13 | 354 | 33,499 | 73 | 207,758 | 1,064 | 151,425 | 239 | 108,006 | 5,711 | 233,864 | 11 | 361 | 46 | 13,690 | 642 | 7,730 | 110 | 36,208 |
| 7/14 | 360 | 33,859 | 1,578 | 209,336 | 3,800 | 155,225 | 553 | 108,559 | 1,126 | 234,990 | 49 | 410 | 51 | 13,741 | 867 | 8,597 | 100 | 36,308 |
| 7/15 | 67 | 33,926 | 704 | 210,040 | 6,513 | 161,738 | 6,607 | 115,166 | 1,154 | 236,144 | 53 | 463 | 0 | 13,741 | 2,572 | 11,169 | 515 | 36,823 |

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Table 4.—Page 3 of 4.

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| Date | System (weir) | | | | | | | | | | | | | | | | | |
|-------|---------------|--------|----------|---------|------------|---------|------------------|---------|---------|---------|-----------|-------|-------|--------|---------|--------|---------------|--------|
| | Afognak | | Ayakulik | | Dog Salmon | | Frazer fish pass | | Karlkuk | | Pasagshak | | Pauls | | Saltery | | Upper Station | |
| Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | |
| 7/16 | 94 | 34,020 | 33 | 210,073 | 5,270 | 167,008 | 16,323 | 131,489 | 2,497 | 238,641 | 5 | 468 | 52 | 13,793 | 1,650 | 12,819 | 82 | 36,905 |
| 7/17 | 363 | 34,383 | 82 | 210,155 | 1,334 | 168,342 | 1,057 | 132,546 | 549 | 239,190 | 80 | 548 | 267 | 14,060 | 1,369 | 14,188 | 180 | 37,085 |
| 7/18 | 186 | 34,569 | 872 | 211,027 | 2,310 | 170,652 | 2,578 | 135,124 | 1,923 | 241,113 | 78 | 626 | 38 | 14,098 | 2,760 | 16,948 | 26 | 37,111 |
| 7/19 | 87 | 34,656 | 372 | 211,399 | 1,385 | 172,037 | 8,205 | 143,329 | 1,437 | 242,550 | 52 | 678 | 391 | 14,489 | 394 | 17,342 | 33 | 37,144 |
| 7/20 | 79 | 34,735 | 924 | 212,323 | 4,417 | 176,454 | 10,370 | 153,699 | 5,577 | 248,127 | 88 | 766 | 636 | 15,125 | 1,082 | 18,424 | 7 | 37,151 |
| 7/21 | 5 | 34,740 | 229 | 212,552 | 3,039 | 179,493 | 3,508 | 157,207 | 3,970 | 252,097 | 0 | 766 | 14 | 15,139 | 175 | 18,599 | 53 | 37,204 |
| 7/22 | 2 | 34,742 | 1,584 | 214,136 | 1,871 | 181,364 | 7,576 | 164,783 | 620 | 252,717 | 54 | 820 | 44 | 15,183 | 405 | 19,004 | 117 | 37,321 |
| 7/23 | 223 | 34,965 | 1,285 | 215,421 | 2,103 | 183,467 | 2,285 | 167,068 | 1,190 | 253,907 | 104 | 924 | 53 | 15,236 | 2,044 | 21,048 | 6 | 37,327 |
| 7/24 | 42 | 35,007 | 2,069 | 217,490 | 911 | 184,378 | 1,944 | 169,012 | 1,017 | 254,924 | 9 | 933 | 323 | 15,559 | 1,287 | 22,335 | 27 | 37,354 |
| 7/25 | 41 | 35,048 | 1,598 | 219,088 | 616 | 184,994 | 1,193 | 170,205 | 498 | 255,422 | 46 | 979 | 248 | 15,807 | 652 | 22,987 | 24 | 37,378 |
| 7/26 | 256 | 35,304 | 509 | 219,597 | 1,333 | 186,327 | 637 | 170,842 | 2,429 | 257,851 | 3 | 982 | 321 | 16,128 | 367 | 23,354 | 105 | 37,483 |
| 7/27 | 77 | 35,381 | 2,223 | 221,820 | 2,847 | 189,174 | 784 | 171,626 | 1,077 | 258,928 | 16 | 998 | 1,012 | 17,140 | 775 | 24,129 | 46 | 37,529 |
| 7/28 | 19 | 35,400 | 2,096 | 223,916 | 1,382 | 190,556 | 2,808 | 174,434 | 1,292 | 260,220 | 0 | 998 | 42 | 17,182 | 152 | 24,281 | 4 | 37,533 |
| 7/29 | 70 | 35,470 | 312 | 224,228 | 631 | 191,187 | 1,313 | 175,747 | 833 | 261,053 | 187 | 1,185 | 0 | 17,182 | 1,061 | 25,342 | 10 | 37,543 |
| 7/30 | 109 | 35,579 | 400 | 224,628 | 848 | 192,035 | 663 | 176,410 | 288 | 261,341 | 0 | 1,185 | 4 | 17,186 | 482 | 25,824 | 2 | 37,545 |
| 7/31 | 68 | 35,647 | 1,272 | 225,900 | 1,651 | 193,686 | 987 | 177,397 | 3,003 | 264,344 | 16 | 1,201 | 0 | 17,186 | 646 | 26,470 | 1 | 37,546 |
| 8/1 | 63 | 35,710 | 1,172 | 227,072 | 3,333 | 197,019 | 794 | 178,191 | 1,094 | 265,438 | 0 | 1,201 | 49 | 17,235 | 83 | 26,553 | 40 | 37,586 |
| 8/2 | 127 | 35,837 | 480 | 227,552 | 2,513 | 199,532 | 3,109 | 181,300 | 1,541 | 266,979 | 0 | 1,201 | 0 | 17,235 | 636 | 27,189 | 101 | 37,687 |
| 8/3 | 63 | 35,900 | 3,114 | 230,666 | 733 | 200,265 | 2,069 | 183,369 | 3,132 | 270,111 | 0 | 1,201 | 36 | 17,271 | 260 | 27,449 | 43 | 37,730 |
| 8/4 | 51 | 35,951 | 3,205 | 233,871 | 2,463 | 202,728 | 845 | 184,214 | 1,713 | 271,824 | 0 | 1,201 | 0 | 17,271 | 651 | 28,100 | 77 | 37,807 |
| 8/5 | 31 | 35,982 | 1,972 | 235,843 | 1,783 | 204,511 | 2,067 | 186,281 | 2,695 | 274,519 | 2 | 1,203 | 108 | 17,379 | 394 | 28,494 | 795 | 38,602 |
| 8/6 | 98 | 36,080 | 2,375 | 238,218 | 2,143 | 206,654 | 998 | 187,279 | 3,463 | 277,982 | 85 | 1,288 | 446 | 17,825 | 616 | 29,110 | 847 | 39,449 |
| 8/7 | 175 | 36,255 | 1,666 | 239,884 | 3,052 | 209,706 | 1,019 | 188,298 | 1,405 | 279,387 | 21 | 1,309 | 0 | 17,825 | 197 | 29,307 | 1,035 | 40,484 |
| 8/8 | 17 | 36,272 | 693 | 240,577 | 869 | 210,575 | 3,107 | 191,405 | 1,541 | 280,928 | 104 | 1,413 | 346 | 18,171 | 1,465 | 30,772 | 2,032 | 42,516 |
| 8/9 | 21 | 36,293 | 698 | 241,275 | 294 | 210,869 | 1,397 | 192,802 | 1,829 | 282,757 | 67 | 1,480 | 0 | 18,171 | 1,000 | 31,772 | 2,082 | 44,598 |
| 8/10 | 8 | 36,301 | 745 | 242,020 | 802 | 211,671 | 1,327 | 194,129 | 413 | 283,170 | 2 | 1,482 | - | 18,171 | - | 31,772 | 1,941 | 46,539 |
| 8/11 | 1 | 36,302 | 357 | 242,377 | 771 | 212,442 | 642 | 194,771 | 246 | 283,416 | 68 | 1,550 | - | 18,171 | - | 31,772 | 3,533 | 50,072 |
| 8/12 | 10 | 36,312 | 578 | 242,955 | 1,280 | 213,722 | 663 | 195,434 | 502 | 283,918 | 32 | 1,582 | - | 18,171 | - | 31,772 | 6,453 | 56,525 |
| 8/13 | 3 | 36,315 | 122 | 243,077 | 1,544 | 215,266 | 524 | 195,958 | 4,878 | 288,796 | - | 1,582 | - | 18,171 | - | 31,772 | 2,910 | 59,435 |
| 8/14 | 5 | 36,320 | 157 | 243,234 | 353 | 215,619 | 607 | 196,565 | 5,576 | 294,372 | - | 1,582 | - | 18,171 | - | 31,772 | 2,145 | 61,580 |
| 8/15 | 0 | 36,320 | 4,414 | 247,648 | 639 | 216,258 | 1,204 | 197,769 | 7,797 | 302,169 | - | 1,582 | - | 18,171 | - | 31,772 | 3,169 | 64,749 |
| 8/16 | 0 | 36,320 | 2,402 | 250,050 | 487 | 216,745 | 212 | 197,981 | 5,973 | 308,142 | - | 1,582 | - | 18,171 | - | 31,772 | 3,910 | 68,659 |
| 8/17 | 1 | 36,321 | 1,831 | 251,881 | 368 | 217,113 | 1,504 | 199,485 | 8,164 | 316,306 | - | 1,582 | - | 18,171 | - | 31,772 | 3,341 | 72,000 |

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Table 4.—Page 4 of 4.

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| Date | System (weir) | | | | | | | | | | | | | | | | | |
|--------|---------------|---------|----------|---------|------------|---------|------------------|---------|---------|---------|-----------|-------|-------|--------|---------|--------|---------------|---------|
| | Afognak | | Ayakulik | | Dog Salmon | | Frazer fish pass | | Karluk | | Pasagshak | | Pauls | | Saltery | | Upper Station | |
| Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | Daily | Cum. | |
| 8/18 | 0 | 36,321 | 3,296 | 255,177 | 348 | 217,461 | 473 | 199,958 | 2,153 | 318,459 | - | 1,582 | - | 18,171 | - | 31,772 | 3,388 | 75,388 |
| 8/19 | 1 | 36,322 | 2,822 | 257,999 | - | 217,461 | 338 | 200,296 | 5,214 | 323,673 | - | 1,582 | - | 18,171 | - | 31,772 | 4,900 | 80,288 |
| 8/20 | 1 | 36,323 | 2,267 | 260,266 | - | 217,461 | - | 200,296 | 1,557 | 325,230 | - | 1,582 | - | 18,171 | - | 31,772 | 4,680 | 84,968 |
| 8/21 | 3 | 36,326 | 11,464 | 271,730 | - | 217,461 | - | 200,296 | 600 | 325,830 | - | 1,582 | - | 18,171 | - | 31,772 | 5,854 | 90,822 |
| 8/22 | 0 | 36,326 | 6,398 | 278,128 | - | 217,461 | - | 200,296 | 528 | 326,358 | - | 1,582 | - | 18,171 | - | 31,772 | 5,171 | 95,993 |
| 8/23 | 19 | 36,345 | 2,443 | 280,571 | - | 217,461 | - | 200,296 | 426 | 326,784 | - | 1,582 | - | 18,171 | - | 31,772 | 6,073 | 102,066 |
| 8/24 | - | 36,345 | 2,172 | 282,743 | - | 217,461 | - | 200,296 | 3,539 | 330,323 | - | 1,582 | - | 18,171 | - | 31,772 | 13,863 | 115,929 |
| 8/25 | - | 36,345 | 2,943 | 285,686 | - | 217,461 | - | 200,296 | 32,823 | 363,146 | - | 1,582 | - | 18,171 | - | 31,772 | 15,572 | 131,501 |
| 8/26 | - | 36,345 | 1,924 | 287,610 | - | 217,461 | - | 200,296 | 7,023 | 370,169 | - | 1,582 | - | 18,171 | - | 31,772 | 15,449 | 146,950 |
| 8/27 | - | 36,345 | 1,058 | 288,668 | - | 217,461 | - | 200,296 | 28,607 | 398,776 | - | 1,582 | - | 18,171 | - | 31,772 | 5,895 | 152,845 |
| 8/28 | - | 36,345 | 1,745 | 290,413 | - | 217,461 | - | 200,296 | 113,369 | 512,145 | - | 1,582 | - | 18,171 | - | 31,772 | 7,970 | 160,815 |
| 8/29 | - | 36,345 | 2,394 | 292,807 | - | 217,461 | - | 200,296 | 24,201 | 536,346 | - | 1,582 | - | 18,171 | - | 31,772 | 11,098 | 171,913 |
| 8/30 | - | 36,345 | 1,269 | 294,076 | - | 217,461 | - | 200,296 | 9,429 | 545,775 | - | 1,582 | - | 18,171 | - | 31,772 | 2,127 | 174,040 |
| 8/31 | - | 36,345 | 804 | 294,880 | - | 217,461 | - | 200,296 | 1,288 | 547,063 | - | 1,582 | - | 18,171 | - | 31,772 | 1,723 | 175,763 |
| 9/1 | - | 36,345 | 869 | 295,749 | - | 217,461 | - | 200,296 | 6,203 | 553,266 | - | 1,582 | - | 18,171 | - | 31,772 | 2,226 | 177,989 |
| 9/2 | - | 36,345 | 1,140 | 296,889 | - | 217,461 | - | 200,296 | 69,206 | 622,472 | - | 1,582 | - | 18,171 | - | 31,772 | 4,806 | 182,795 |
| 9/3 | - | 36,345 | 822 | 297,711 | - | 217,461 | - | 200,296 | 2,237 | 624,709 | - | 1,582 | - | 18,171 | - | 31,772 | 3,133 | 185,928 |
| 9/4 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | 12,000 | 636,709 | - | 1,582 | - | 18,171 | - | 31,772 | 2,176 | 188,104 |
| 9/5 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | 2,266 | 638,975 | - | 1,582 | - | 18,171 | - | 31,772 | 4,666 | 192,770 |
| 9/6 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | 518 | 639,493 | - | 1,582 | - | 18,171 | - | 31,772 | 1,382 | 194,152 |
| 9/7 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | 1,073 | 640,566 | - | 1,582 | - | 18,171 | - | 31,772 | 1,500 | 195,652 |
| 9/8 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | 155,000 | 795,566 | - | 1,582 | - | 18,171 | - | 31,772 | 5,003 | 200,655 |
| 9/9 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | - | 795,566 | - | 1,582 | - | 18,171 | - | 31,772 | 4,303 | 204,958 |
| 9/10 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | - | 795,566 | - | 1,582 | - | 18,171 | - | 31,772 | 4,981 | 209,939 |
| 9/11 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | - | 795,566 | - | 1,582 | - | 18,171 | - | 31,772 | 3,986 | 213,925 |
| 9/12 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | - | 795,566 | - | 1,582 | - | 18,171 | - | 31,772 | 582 | 214,507 |
| 9/13 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | - | 795,566 | - | 1,582 | - | 18,171 | - | 31,772 | 1,401 | 215,908 |
| 9/14 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | - | 795,566 | - | 1,582 | - | 18,171 | - | 31,772 | 1,284 | 217,192 |
| 9/15 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | - | 795,566 | - | 1,582 | - | 18,171 | - | 31,772 | 692 | 217,884 |
| 9/16 | - | 36,345 | - | 297,711 | - | 217,461 | - | 200,296 | - | 795,566 | - | 1,582 | - | 18,171 | - | 31,772 | 350 | 218,234 |
| Totals | 36,345 | 297,711 | 217,461 | 200,296 | 795,566 | 1,582 | 18,171 | 31,772 | 218,234 | | | | | | | | | |

Note: A post-weir estimate of escapement was made for Karluk (9/8).

Table 5.–Fish weir installation and removal dates and salmon escapements for the major systems with fish weirs in the Kodiak Management Area, 2014.

| Weir locations | Dates | | Species | | | | | Totals |
|------------------------------------|-----------|---------|-----------|---------|-----------|--------|-------|-----------|
| | Installed | Removed | Sockeye | Chinook | Pink | Coho | Chum | |
| Afognak River | 5/11 | 8/23 | 36,345 | 1 | 18,408 | 3,224 | 0 | 57,978 |
| Ayakulik River | 5/24 | 9/3 | 297,711 | 1,050 | 529,582 | 24,127 | 32 | 852,502 |
| Dog Salmon Creek | 5/28 | 8/19 | 217,461 | 39 | 119,352 | 863 | 1,403 | 339,118 |
| Frazer Lake fish pass ^b | 6/5 | 8/19 | 200,296 | 17 | 646 | 0 | 0 | 200,959 |
| Karluk River | 5/24 | 9/8 | 795,566 | 1,182 | 585,360 | 3,331 | 45 | 1,385,484 |
| Pasagshak River | 6/13 | 8/12 | 1,582 | 0 | 14 | 0 | 1 | 1,597 |
| Pauls Lake | 6/7 | 8/9 | 18,171 | 0 | 377 | 801 | 48 | 19,397 |
| Saltery River | 6/19 | 8/9 | 31,772 | 0 | 8,325 | 5 | 2 | 40,104 |
| Upper Station | 5/25 | 9/16 | 218,234 | 0 | 4,281 | 6,825 | 2 | 229,342 |
| Totals | | | 1,599,677 | 2,272 | 1,265,699 | 39,176 | 1,533 | 2,908,357 |

^a Counts include post weir estimates after weirs were removed.

^b Salmon counted at the Frazer fish pass initially pass through the Dog Salmon weir. Typically there are a varying number of fish that pass Dog Salmon weir but fail to get counted at the Frazer fish pass. Sockeye salmon that fail to get counted at Frazer fish pass may not spawn, and therefore the Frazer fish pass count is considered the best escapement estimate for sockeye salmon. Totals for sockeye salmon include Frazer, and exclude Dog Salmon. Totals for Chinook, pink, coho, and chum salmon include Dog Salmon, and exclude Frazer.

Table 6.—Estimated age composition of sockeye salmon escapements by system, Kodiak Management Area, 2014.

| System | Sample size | | Age | | | | | | | | | | | Total | |
|-----------------------------|-------------|---------|-------|-----|---------|--------|--------|---------|-------|---------|--------|-------|-------|-----------|--|
| | | | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 3.1 | 2.3 | 3.2 | 3.3 | Other | | |
| Afognak Lake (Litnik) | 570 | Percent | 3.8 | 0.0 | 23.0 | 0.7 | 44.7 | 14.3 | 0.0 | 13.4 | 0.0 | 0.0 | 0.1 | 100.0 | |
| | | Numbers | 1,373 | 0 | 8,365 | 245 | 16,230 | 5,204 | 0 | 4,874 | 0 | 0 | 54 | 36,345 | |
| Ayakulik River Early run | 1,026 | Percent | 0.3 | 0.3 | 65.4 | 3.3 | 11.8 | 13.7 | 0.0 | 5.1 | 0.1 | 0.0 | 0.0 | 100.0 | |
| | | Numbers | 728 | 665 | 137,347 | 6,871 | 24,716 | 28,718 | 0 | 10,778 | 214 | 0 | 4 | 210,040 | |
| Late run | 1,469 | Percent | 1.0 | 0.2 | 21.7 | 3.7 | 5.0 | 65.5 | 0.0 | 2.8 | 0.1 | 0.0 | 0.1 | 100.0 | |
| | | Numbers | 870 | 171 | 18,982 | 3,269 | 4,345 | 57,451 | 0 | 2,472 | 57 | 0 | 53 | 87,671 | |
| Frazer | 2,121 | Percent | 0.1 | 0.0 | 2.0 | 3.9 | 0.0 | 86.8 | 0.1 | 6.8 | 0.0 | 0.0 | 0.1 | 100.0 | |
| | | Numbers | 257 | 0 | 4,028 | 7,894 | 77 | 173,773 | 265 | 13,717 | 0 | 0 | 284 | 200,296 | |
| Karluk Lake Early run | 1,880 | Percent | 0.6 | 0.0 | 6.1 | 15.4 | 1.5 | 40.3 | 0.4 | 32.3 | 2.4 | 0.9 | 0.2 | 100.0 | |
| | | Numbers | 1,451 | 0 | 15,400 | 38,736 | 3,846 | 101,520 | 912 | 81,304 | 6,099 | 2,232 | 598 | 252,097 | |
| Late run | 1,299 | Percent | 0.3 | 0.0 | 2.4 | 3.8 | 0.5 | 64.7 | 0.1 | 22.6 | 4.6 | 0.9 | 0.0 | 100.0 | |
| | | Numbers | 1,882 | 0 | 13,065 | 20,774 | 2,516 | 351,870 | 553 | 122,933 | 25,070 | 4,698 | 108 | 543,469 | |
| 24 Pasagshak River | 178 | Percent | 0.0 | 4.3 | 9.1 | 0.0 | 70.6 | 1.9 | 0.0 | 5.5 | 0.0 | 0.0 | 8.4 | 100.0 | |
| | | Numbers | 0 | 68 | 144 | 0 | 1,118 | 31 | 0 | 88 | 0 | 0 | 133 | 1,582 | |
| Pauls Lake | 486 | Percent | 11 | 0 | 60 | 3 | 13 | 6 | 0 | 6 | 0 | 0 | 0 | 100 | |
| | | Numbers | 1,993 | 0 | 10,925 | 623 | 2,367 | 1,124 | 0 | 1,070 | 0 | 0 | 69 | 18,171 | |
| Saltery Lake | 563 | Percent | 0.0 | 0.1 | 5.3 | 0.0 | 46.8 | 41.8 | 0.0 | 5.2 | 0.0 | 0.0 | 0.8 | 100.0 | |
| | | Numbers | 0 | 39 | 1,686 | 0 | 14,875 | 13,282 | 0 | 1,650 | 0 | 0 | 240 | 31,772 | |
| Upper Station Early run | 1,535 | Percent | 0.4 | 0.0 | 4.0 | 18.2 | 1.7 | 71.2 | 0.0 | 4.5 | 0.0 | 0.0 | 0.1 | 100.0 | |
| | | Numbers | 132 | 0 | 1,489 | 6,690 | 615 | 26,206 | 4 | 1,653 | 0 | 0 | 34 | 36,823 | |
| Late run | 1,529 | Percent | 0.3 | 0.0 | 4.9 | 1.7 | 1.3 | 89.8 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| | | Numbers | 533 | 17 | 8,865 | 3,163 | 2,316 | 162,881 | 0 | 3,630 | 0 | 0 | 7 | 181,411 | |
| Totals | | Percent | 0.6 | 0.1 | 13.8 | 5.5 | 4.6 | 57.6 | 0.1 | 15.3 | 2.0 | 0.4 | 0.1 | 100.0 | |
| | | Numbers | 9,219 | 961 | 220,295 | 88,264 | 73,021 | 922,059 | 1,734 | 244,168 | 31,439 | 6,930 | 1,584 | 1,599,677 | |

Table 7.—Estimated age composition of Afognak Lake (Litnik) sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | Total | |
|--------------------|-------------|---------|-----|-------|-------|--------|-----|-------|-------|--------|--|
| | | | 0.2 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | | |
| 20 5/10–5/16 | 0 | Percent | 0.0 | 0.0 | 6.4 | 78.7 | 0.0 | 6.4 | 8.5 | 100.0 | |
| | | Numbers | 0 | 0 | 1 | 11 | 0 | 1 | 1 | 14 | |
| 21 5/17–5/23 | 0 | Percent | 0.0 | 0.0 | 6.4 | 78.7 | 0.0 | 6.4 | 8.5 | 100.0 | |
| | | Numbers | 0 | 0 | 28 | 343 | 0 | 28 | 37 | 436 | |
| 22 5/24–5/30 | 47 | Percent | 0.0 | 0.0 | 7.6 | 76.6 | 0.0 | 6.9 | 8.9 | 100.0 | |
| | | Numbers | 0 | 0 | 320 | 2,375 | 0 | 257 | 309 | 3,260 | |
| 23 5/31–6/06 | 188 | Percent | 0.0 | 0.0 | 22.4 | 50.2 | 0.0 | 13.2 | 14.2 | 100.0 | |
| | | Numbers | 0 | 0 | 4,559 | 7,712 | 0 | 2,529 | 2,966 | 17,766 | |
| 24 6/07–6/13 | 96 | Percent | 0.2 | 0.6 | 30.6 | 35.7 | 0.0 | 14.9 | 18.1 | 100.0 | |
| | | Numbers | 7 | 21 | 777 | 926 | 0 | 370 | 430 | 2,531 | |
| 25 6/14–6/20 | 0 | Percent | 0.7 | 2.0 | 31.4 | 41.1 | 0.0 | 13.2 | 11.6 | 100.0 | |
| | | Numbers | 12 | 37 | 575 | 753 | 0 | 242 | 212 | 1,832 | |
| 26 6/21–6/27 | 100 | Percent | 0.8 | 9.1 | 28.5 | 41.1 | 2.2 | 11.9 | 6.3 | 100.0 | |
| | | Numbers | 30 | 250 | 1,061 | 1,512 | 53 | 429 | 242 | 3,577 | |
| 27 6/28–7/04 | 35 | Percent | 0.2 | 26.9 | 18.0 | 30.0 | 8.9 | 11.9 | 4.1 | 100.0 | |
| | | Numbers | 4 | 397 | 314 | 509 | 129 | 192 | 70 | 1,616 | |
| 28 7/05–7/11 | 69 | Percent | 0.0 | 10.4 | 17.6 | 37.7 | 3.5 | 19.6 | 11.1 | 100.0 | |
| | | Numbers | 0 | 204 | 350 | 779 | 60 | 409 | 232 | 2,035 | |
| 29 7/12–7/18 | 35 | Percent | 0.0 | 13.9 | 11.9 | 39.9 | 0.2 | 22.6 | 11.4 | 100.0 | |
| | | Numbers | 0 | 210 | 177 | 599 | 3 | 341 | 172 | 1,502 | |
| 30–35 7/19–8/29 | 0 | Percent | 0.0 | 14.3 | 11.4 | 40.0 | 0.0 | 22.9 | 11.4 | 100.0 | |
| | | Numbers | 0 | 254 | 203 | 710 | 0 | 406 | 203 | 1,776 | |
| Total | | Percent | 0.1 | 3.8 | 23.0 | 44.7 | 0.7 | 14.3 | 13.4 | 100.0 | |
| | | Numbers | 54 | 1,373 | 8,365 | 16,230 | 245 | 5,204 | 4,874 | 36,345 | |

Table 8.—Length composition of Afognak Lake (Litnik) sockeye salmon escapement samples by age and sex, 2014.

| | Age | | | | | | | |
|------------------|-----|---------|---------|---------|---------|---------|---------|---------|
| | 0.2 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | Total |
| Females | | | | | | | | |
| Mean length (mm) | — | — | 448 | 475 | — | 446 | 464 | 467 |
| SE | — | — | 5 | 3 | — | 7 | 7 | 4 |
| Range | — | — | 400–505 | 400–590 | — | 385–495 | 400–590 | 385–590 |
| Sample size | 0 | 0 | 35 | 172 | 0 | 28 | 47 | 282 |
| Males | | | | | | | | |
| Mean length (mm) | 460 | 331 | 402 | 497 | 341 | 413 | 496 | 432 |
| SE | — | 5 | 5 | 5 | 15 | 8 | 10 | 4 |
| Range | — | 270–380 | 310–540 | 390–610 | 280–390 | 315–550 | 395–600 | 270–610 |
| Sample size | 1 | 25 | 96 | 84 | 7 | 53 | 22 | 288 |
| All fish | | | | | | | | |
| Mean length (mm) | 460 | 331 | 415 | 482 | 341 | 425 | 474 | 449 |
| SE | — | 5 | 4 | 3 | 15 | 6 | 6 | 3 |
| Range | — | 270–380 | 310–540 | 390–610 | 280–390 | 315–550 | 395–600 | 270–610 |
| Sample size | 1 | 25 | 131 | 256 | 7 | 81 | 69 | 570 |

Table 9.—Estimated sex composition of Afognak Lake (Litnik) sockeye salmon escapement by week, 2014.

| week | Dates | Sample size | | | Percent | | Escapement | | |
|-------|-----------|-------------|-------|-------|---------|-------|------------|--------|--------|
| | | Females | Males | Total | Females | Males | Females | Males | Total |
| 20 | 5/10–5/16 | 0 | 0 | 0 | 48.3 | 51.7 | 7 | 7 | 14 |
| 21 | 5/17–5/23 | 0 | 0 | 0 | 48.3 | 51.7 | 211 | 225 | 436 |
| 22 | 5/24–5/30 | 29 | 31 | 60 | 48.3 | 51.7 | 1,576 | 1,684 | 3,260 |
| 23 | 5/31–6/06 | 116 | 124 | 240 | 43.8 | 56.2 | 7,787 | 9,979 | 17,766 |
| 24 | 6/07–6/13 | 47 | 73 | 120 | 45.2 | 54.8 | 1,144 | 1,387 | 2,531 |
| 25 | 6/14–6/20 | 0 | 0 | 0 | 53.6 | 46.4 | 983 | 849 | 1,832 |
| 26 | 6/21–6/27 | 73 | 47 | 120 | 56.4 | 43.6 | 2,017 | 1,560 | 3,577 |
| 27 | 6/28–7/04 | 12 | 28 | 40 | 39.9 | 60.1 | 644 | 972 | 1,616 |
| 28 | 7/05–7/11 | 52 | 28 | 80 | 58.5 | 41.5 | 1,191 | 844 | 2,035 |
| 29 | 7/12–7/18 | 19 | 21 | 40 | 48.2 | 51.8 | 725 | 777 | 1,502 |
| 30 | 7/19–7/25 | 0 | 0 | 0 | 47.5 | 52.5 | 228 | 251 | 479 |
| 31 | 7/26–8/01 | 0 | 0 | 0 | 47.5 | 52.5 | 314 | 348 | 662 |
| 32 | 8/02–8/08 | 0 | 0 | 0 | 47.5 | 52.5 | 267 | 295 | 562 |
| 33 | 8/09–8/15 | 0 | 0 | 0 | 47.5 | 52.5 | 23 | 25 | 48 |
| 34 | 8/16–8/22 | 0 | 0 | 0 | 47.5 | 52.5 | 3 | 3 | 6 |
| 35 | 8/23–8/29 | 0 | 0 | 0 | 47.5 | 52.5 | 9 | 10 | 19 |
| Total | | 348 | 352 | 700 | 47.1 | 52.9 | 17,128 | 19,217 | 36,345 |

Table 10.—Estimated age composition of Karluk Lake early-run sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | | | | | | Total | | |
|---------------------|----------------|-------|---------|-----|-------|--------|-------|-----|--------|---------|--------|-----|-----|-------|-------|---------|--|
| | | | 0.2 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.1 | 3.2 | 3.3 | | | |
| 28 | 22 | 197 | Percent | 0.0 | 0.0 | 5.1 | 1.4 | 0.0 | 10.6 | 49.1 | 29.1 | 0.4 | 0.1 | 2.4 | 1.8 | 100.0 | |
| | | | Numbers | 0 | 0 | 790 | 206 | 0 | 1,687 | 7,630 | 4,548 | 64 | 31 | 349 | 255 | 15,559 | |
| | 23 | 197 | Percent | 0.0 | 0.1 | 4.9 | 0.7 | 0.0 | 13.7 | 48.8 | 29.0 | 0.1 | 0.8 | 1.6 | 0.4 | 100.0 | |
| | | | Numbers | 0 | 48 | 3,789 | 550 | 0 | 10,521 | 37,690 | 22,468 | 57 | 615 | 1,235 | 324 | 77,298 | |
| | 24 | 213 | Percent | 0.1 | 0.5 | 4.0 | 1.1 | 0.0 | 19.0 | 47.0 | 23.4 | 0.1 | 0.4 | 3.4 | 1.0 | 100.0 | |
| | | | Numbers | 27 | 199 | 1,731 | 428 | 0 | 7,727 | 20,579 | 10,126 | 27 | 206 | 1,407 | 370 | 42,827 | |
| | 25 | 223 | Percent | 0.3 | 0.7 | 4.6 | 1.5 | 0.0 | 25.9 | 33.3 | 28.6 | 0.3 | 0.0 | 3.2 | 1.5 | 100.0 | |
| | | | Numbers | 56 | 116 | 921 | 265 | 0 | 4,827 | 6,424 | 5,838 | 56 | 4 | 620 | 308 | 19,435 | |
| | 26 | 186 | Percent | 0.0 | 0.2 | 5.7 | 0.7 | 0.0 | 19.4 | 33.1 | 35.7 | 0.0 | 0.0 | 3.2 | 1.9 | 100.0 | |
| | | | Numbers | 34 | 90 | 2,163 | 317 | 0 | 8,134 | 13,167 | 13,925 | 34 | 11 | 1,271 | 761 | 39,907 | |
| | 27 | 246 | Percent | 0.0 | 0.7 | 8.4 | 1.3 | 0.0 | 14.7 | 31.6 | 39.2 | 0.1 | 0.3 | 2.8 | 0.9 | 100.0 | |
| | | | Numbers | 0 | 74 | 833 | 123 | 0 | 1,443 | 3,124 | 3,873 | 6 | 31 | 279 | 90 | 9,875 | |
| | 28 | 213 | Percent | 0.0 | 0.9 | 10.0 | 4.0 | 0.1 | 7.0 | 26.5 | 48.2 | 0.4 | 0.0 | 2.4 | 0.5 | 100.0 | |
| | | | Numbers | 0 | 209 | 2,251 | 870 | 12 | 1,657 | 6,010 | 10,804 | 90 | 15 | 540 | 107 | 22,566 | |
| | 29 | 197 | Percent | 0.0 | 1.6 | 10.4 | 3.3 | 0.4 | 8.2 | 30.9 | 42.8 | 0.4 | 0.0 | 1.9 | 0.1 | 100.0 | |
| | | | Numbers | 0 | 201 | 1,401 | 447 | 52 | 1,075 | 4,223 | 5,906 | 62 | 0 | 269 | 10 | 13,646 | |
| | 30 | 208 | Percent | 0.0 | 3.7 | 10.9 | 4.6 | 0.0 | 12.0 | 18.5 | 26.1 | 0.0 | 0.0 | 0.8 | 0.1 | 76.8 | |
| | | | Numbers | 0 | 515 | 1,522 | 638 | 11 | 1,663 | 2,671 | 3,816 | 11 | 0 | 129 | 8 | 10,984 | |
| Total | | 1,880 | Percent | 0.0 | 0.6 | 6.1 | 1.5 | 0.0 | 15.4 | 40.3 | 32.3 | 0.2 | 0.4 | 2.4 | 0.9 | 100.0 | |
| | | | Numbers | 117 | 1,451 | 15,400 | 3,846 | 74 | 38,736 | 101,520 | 81,304 | 406 | 912 | 6,099 | 2,232 | 252,097 | |

Note: Karluk early-run escapement is summed through 21 July; however, samples from all of week 30 were utilized in the age composition estimates.

Table 11.—Length composition of Karluk Lake early-run sockeye salmon escapement samples by age and sex, 2014.

| | Age | | | | | | | | | | | | |
|------------------|-----|---------|---------|---------|-----|---------|---------|---------|---------|---------|---------|---------|---------|
| | 0.2 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.1 | 3.2 | 3.3 | Total |
| Females | | | | | | | | | | | | | |
| Mean length (mm) | — | — | 475 | 523 | 534 | 406 | 487 | 530 | 573 | — | 485 | 521 | 507 |
| SE | — | — | 4 | 6 | — | — | 2 | 1 | 17 | — | 11 | 17 | 2 |
| Range | — | — | 403–585 | 483–572 | — | — | 402–594 | 430–619 | 556–589 | — | 410–561 | 411–574 | 402–619 |
| Sample size | 0 | 0 | 65 | 20 | 1 | 1 | 319 | 350 | 2 | 0 | 18 | 8 | 784 |
| Males | | | | | | | | | | | | | |
| Mean length (mm) | 564 | 366 | 488 | 550 | — | 400 | 491 | 544 | 538 | 414 | 488 | 564 | 480 |
| SE | — | 11 | 7 | 11 | — | 2 | 2 | 2 | 45 | 19 | 9 | 6 | 2 |
| Range | — | 333–450 | 376–579 | 486–617 | — | 321–500 | 341–597 | 402–629 | 493–583 | 366–455 | 415–602 | 534–582 | 321–629 |
| Sample size | 1 | 12 | 52 | 13 | 0 | 256 | 323 | 251 | 2 | 4 | 28 | 8 | 950 |
| All fish | | | | | | | | | | | | | |
| Mean length (mm) | 564 | 366 | 481 | 533 | 534 | 400 | 489 | 536 | 555 | 414 | 487 | 542 | 492 |
| SE | — | 11 | 4 | 6 | — | 2 | 1 | 1 | 22 | 19 | 7 | 10 | 1 |
| Range | — | 333–450 | 376–585 | 483–617 | — | 321–500 | 341–597 | 402–629 | 493–589 | 366–455 | 410–602 | 411–582 | 321–629 |
| Sample size | 1 | 12 | 117 | 33 | 1 | 257 | 642 | 601 | 4 | 4 | 46 | 16 | 1,734 |

Table 12.—Estimated sex composition of Karluk Lake sockeye salmon escapement by week, 2014.

| Statistical week | Dates | Sample size | | | Percent | | | Escapement | | |
|---------------------|-----------|-------------|-------|-------|---------|-------|---------|------------|---------|--|
| | | Females | Males | Total | Females | Males | Females | Males | Total | |
| 22 | 5/24–5/30 | 82 | 159 | 241 | 34.5 | 65.5 | 5,372 | 10,187 | 15,559 | |
| 23 | 5/31–6/06 | 91 | 149 | 240 | 38.0 | 62.0 | 29,376 | 47,922 | 77,298 | |
| 24 | 6/07–6/13 | 102 | 149 | 251 | 40.1 | 59.9 | 17,160 | 25,667 | 42,827 | |
| 25 | 6/14–6/20 | 128 | 201 | 329 | 41.5 | 58.5 | 8,071 | 11,364 | 19,435 | |
| 26 | 6/21–6/27 | 94 | 106 | 200 | 45.4 | 54.6 | 18,098 | 21,809 | 39,907 | |
| 27 | 6/28–7/04 | 127 | 153 | 280 | 46.9 | 53.1 | 4,629 | 5,246 | 9,875 | |
| 28 | 7/05–7/11 | 136 | 104 | 240 | 55.0 | 45.0 | 12,412 | 10,154 | 22,566 | |
| 29 | 7/12–7/18 | 139 | 100 | 239 | 57.1 | 42.9 | 7,794 | 5,852 | 13,646 | |
| 30 | 7/19–7/25 | 107 | 133 | 240 | 36.6 | 40.1 | 5,241 | 5,743 | 10,984 | |
| Early-run total | | 1,006 | 1,254 | 2,260 | 42.9 | 57.1 | 108,152 | 143,945 | 252,097 | |
| 30 | 7/19–7/25 | 107 | 133 | 240 | 11.1 | 12.2 | 1,586 | 1,739 | 3,325 | |
| | 7/26–8/01 | 107 | 126 | 233 | 46.0 | 54.0 | 4,603 | 5,413 | 10,016 | |
| | 8/02–8/08 | 100 | 102 | 202 | 48.3 | 51.7 | 7,488 | 8,002 | 15,490 | |
| | 8/09–8/15 | 94 | 121 | 215 | 45.1 | 54.9 | 9,571 | 11,670 | 21,241 | |
| | 8/16–8/22 | 112 | 128 | 240 | 46.5 | 53.5 | 11,246 | 12,943 | 24,189 | |
| | 8/23–8/29 | 117 | 123 | 240 | 51.0 | 49.0 | 107,156 | 102,832 | 209,988 | |
| | 8/30–9/05 | 130 | 110 | 240 | 54.0 | 46.0 | 55,454 | 47,175 | 102,629 | |
| | 9/06–9/12 | 0 | 0 | 0 | 54.2 | 45.8 | 84,820 | 71,771 | 156,591 | |
| Late-run total | | 767 | 843 | 1,610 | 51.9 | 48.1 | 281,925 | 261,544 | 543,469 | |

Note: Karluk early-run escapement is summed through 21 July and late-run escapement after 21 July; however, samples from all of week 30 were utilized for both early- and late-run sex composition estimates.

Table 13.—Estimated age composition of Karluk Lake late-run sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | Age | | | | | | | | | | | Total | | | |
|---------------------|----------------|---------|---------|-------|--------|-------|--------|---------|---------|---------|-----|-------|--------|---------|---------|--|
| | | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.1 | 3.2 | 3.3 | | | | |
| 30 7/19–7/25 | 208 | Percent | 1.1 | 3.3 | 1.4 | 0.0 | 3.6 | 5.6 | 7.9 | 0.0 | 0.0 | 0.3 | 0.0 | 23.2 | | |
| | | Numbers | 156 | 461 | 193 | 3 | 503 | 809 | 1,155 | 3 | 0 | 39 | 2 | 3,325 | | |
| 31 7/26–8/01 | 202 | Percent | 3.0 | 13.3 | 4.4 | 0.0 | 13.6 | 29.7 | 33.8 | 0.0 | 0.0 | 0.9 | 1.3 | 100.0 | | |
| | | Numbers | 312 | 1,321 | 444 | 0 | 1,374 | 2,964 | 3,388 | 0 | 0 | 93 | 121 | 10,016 | | |
| 32 8/02–8/08 | 174 | Percent | 2.8 | 6.9 | 2.2 | 0.1 | 10.8 | 38.1 | 36.1 | 0.0 | 0.0 | 1.6 | 1.4 | 100.0 | | |
| | | Numbers | 454 | 1,047 | 339 | 11 | 1,692 | 5,876 | 5,648 | 0 | 0 | 217 | 207 | 15,490 | | |
| 33 8/09–8/15 | 167 | Percent | 0.5 | 8.3 | 2.6 | 0.4 | 5.1 | 48.2 | 26.3 | 0.0 | 0.4 | 6.4 | 1.8 | 100.0 | | |
| | | Numbers | 107 | 1,624 | 503 | 73 | 997 | 10,810 | 5,318 | 0 | 166 | 1,341 | 301 | 21,241 | | |
| 34 8/16–8/22 | 200 | Percent | 0.8 | 4.4 | 1.4 | 0.0 | 5.1 | 59.1 | 22.1 | 0.0 | 1.4 | 5.1 | 0.6 | 100.0 | | |
| | | Numbers | 205 | 1,263 | 387 | 17 | 1,077 | 13,982 | 5,430 | 0 | 386 | 1,339 | 105 | 24,189 | | |
| 35 8/23–8/29 | 170 | Percent | 0.4 | 1.4 | 0.4 | 0.0 | 6.1 | 64.7 | 21.4 | 0.0 | 0.0 | 4.0 | 1.4 | 100.0 | | |
| | | Numbers | 641 | 2,987 | 642 | 0 | 10,673 | 138,389 | 45,210 | 0 | 1 | 8,955 | 2,489 | 209,988 | | |
| 36 8/30–9/05 | 178 | Percent | 0.0 | 1.7 | 0.0 | 0.0 | 1.8 | 69.0 | 21.9 | 0.0 | 0.0 | 5.0 | 0.6 | 100.0 | | |
| | | Numbers | 8 | 1,723 | 8 | 0 | 1,818 | 70,835 | 22,476 | 0 | 0 | 5,169 | 593 | 102,629 | | |
| 37 9/06–9/12 | 0 | Percent | 0.0 | 1.7 | 0.0 | 0.0 | 1.7 | 69.1 | 21.9 | 0.0 | 0.0 | 5.1 | 0.6 | 100.0 | | |
| | | Numbers | 0 | 2,639 | 0 | 0 | 2,639 | 108,206 | 34,309 | 0 | 0 | 7,918 | 880 | 156,591 | | |
| Total | | 1,299 | Percent | 0.3 | 2.4 | 0.5 | 0.0 | 3.8 | 64.7 | 22.6 | 0.0 | 0.1 | 4.6 | 0.9 | 100.0 | |
| | | | Numbers | 1,882 | 13,065 | 2,516 | 105 | 20,774 | 351,870 | 122,933 | 3 | 553 | 25,070 | 4,698 | 543,469 | |

Note: Samples were collected using a beach seine in the lagoon in late August and September. Karluk late-run escapement is summed after 21 July; however, samples from all of week 30 were utilized in the age composition estimates.

Table 14.—Length composition of Karluk Lake late-run sockeye salmon escapement samples by age and sex, 2014.

| | Age | | | | | | | | | | |
|------------------|---------|---------|---------|-----|---------|---------|---------|---------|---------|---------|---------|
| | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 3.1 | 3.2 | 3.3 | Total |
| Females | | | | | | | | | | | |
| Mean length (mm) | — | 483 | 530 | 568 | 424 | 516 | 545 | — | 511 | 561 | 522 |
| SE | — | 3 | 5 | — | — | 1 | 2 | — | 8 | 9 | 3 |
| Range | — | 439–535 | 504–581 | — | — | 436–593 | 454–601 | — | 427–568 | 532–612 | 424–612 |
| Sample size | 0 | 52 | 23 | 1 | 1 | 340 | 189 | 0 | 23 | 7 | 636 |
| Males | | | | | | | | | | | |
| Mean length (mm) | 363 | 510 | 560 | — | 406 | 535 | 570 | 453 | 534 | 564 | 514 |
| SE | 5 | 7 | 19 | — | 3 | 2 | 3 | 11 | 10 | 13 | 3 |
| Range | 323–423 | 415–590 | 455–615 | — | 342–489 | 345–596 | 457–630 | 421–472 | 447–589 | 524–604 | 323–630 |
| Sample size | 23 | 40 | 7 | 0 | 99 | 244 | 147 | 4 | 18 | 6 | 588 |
| All fish | | | | | | | | | | | |
| Mean length (mm) | 363 | 495 | 537 | 568 | 406 | 524 | 556 | 453 | 521 | 562 | 518 |
| SE | 5 | 4 | 6 | — | 3 | 1 | 2 | 11 | 6 | 8 | 2 |
| Range | 323–423 | 415–590 | 455–615 | — | 342–489 | 345–596 | 454–630 | 421–472 | 427–589 | 524–612 | 323–630 |
| Sample size | 23 | 92 | 30 | 1 | 100 | 584 | 336 | 4 | 41 | 13 | 1,224 |

Table 15.—Estimated age composition of Ayakulik River (Red Lake) early-run sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | | | | Total | |
|------------------|-------------|---------|-----|-----|-----|---------|--------|-----|-------|--------|--------|-----|---------|--|
| | | | 0.2 | 0.3 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 3.2 | | |
| 21 5/17–5/23 | 0 | Percent | 0.0 | 0.5 | 0.0 | 81.9 | 10.5 | 0.0 | 1.4 | 4.8 | 1.0 | 0.0 | 100.0 | |
| | | Numbers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 22 5/24–5/30 | 0 | Percent | 0.0 | 0.5 | 0.0 | 81.9 | 10.5 | 0.0 | 1.4 | 4.8 | 1.0 | 0.0 | 100.0 | |
| | | Numbers | 0 | 38 | 0 | 6,542 | 837 | 0 | 114 | 380 | 76 | 0 | 7,987 | |
| 23 5/31–6/6 | 210 | Percent | 0.0 | 0.5 | 0.1 | 81.1 | 10.4 | 0.0 | 1.5 | 5.4 | 1.1 | 0.0 | 100.0 | |
| | | Numbers | 0 | 393 | 32 | 67,394 | 8,640 | 0 | 1,210 | 4,307 | 880 | 0 | 82,856 | |
| 24 6/7–6/13 | 222 | Percent | 0.0 | 0.4 | 0.4 | 75.0 | 10.0 | 0.0 | 1.9 | 9.9 | 2.3 | 0.0 | 100.0 | |
| | | Numbers | 0 | 60 | 56 | 10,226 | 1,369 | 0 | 264 | 1,362 | 320 | 2 | 13,659 | |
| 25 6/14–6/20 | 0 | Percent | 0.0 | 0.3 | 0.5 | 66.3 | 10.4 | 0.0 | 3.3 | 14.9 | 4.2 | 0.1 | 100.0 | |
| | | Numbers | 0 | 28 | 41 | 6,024 | 949 | 0 | 299 | 1,352 | 381 | 13 | 9,088 | |
| 26 6/21–6/27 | 0 | Percent | 0.0 | 0.2 | 0.5 | 57.4 | 11.0 | 0.0 | 4.8 | 19.8 | 6.1 | 0.3 | 100.0 | |
| | | Numbers | 0 | 40 | 95 | 12,303 | 2,251 | 0 | 925 | 3,887 | 1,183 | 55 | 20,740 | |
| 27 6/28–7/4 | 216 | Percent | 0.0 | 0.0 | 0.4 | 48.9 | 11.8 | 0.0 | 6.0 | 24.2 | 8.3 | 0.4 | 100.0 | |
| | | Numbers | 0 | 8 | 101 | 11,645 | 2,789 | 0 | 1,390 | 5,637 | 1,950 | 92 | 23,613 | |
| 28 7/5–7/11 | 220 | Percent | 0.0 | 0.1 | 0.4 | 45.2 | 15.3 | 0.0 | 4.6 | 22.2 | 12.1 | 0.1 | 100.0 | |
| | | Numbers | 0 | 34 | 170 | 19,896 | 6,615 | 0 | 2,066 | 9,808 | 5,215 | 51 | 43,856 | |
| 29 7/12–7/18 | 158 | Percent | 0.1 | 0.9 | 3.3 | 35.1 | 13.1 | 0.1 | 7.4 | 22.3 | 7.2 | 0.0 | 89.3 | |
| | | Numbers | 2 | 64 | 234 | 3,316 | 1,265 | 2 | 602 | 1,984 | 771 | 0 | 8,241 | |
| Total | | Percent | 0.0 | 0.3 | 0.3 | 65.4 | 11.8 | 0.0 | 3.3 | 13.7 | 5.1 | 0.1 | 100.0 | |
| | | Numbers | 2 | 665 | 728 | 137,347 | 24,716 | 2 | 6,871 | 28,718 | 10,778 | 214 | 210,040 | |

Note: Ayakulik early-run escapement is summed through 15 July; however, samples from all of week 29 were utilized in the age composition estimates.

Table 16.—Length composition of Ayakulik River (Red Lake) early-run sockeye salmon escapement samples by age and sex, 2014.

| | Age | | | | | | | | |
|------------------|---------|---------|---------|---------|---------|---------|---------|-----|---------|
| | 0.3 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | 3.2 | Total |
| Females | | | | | | | | | |
| Mean length (mm) | 512 | — | 486 | 534 | — | 497 | 530 | 459 | 500 |
| SE | — | — | 1 | 2 | — | 3 | 5 | — | 2 |
| Range | — | — | 429–560 | 498–568 | — | 402–566 | 428–570 | — | 402–570 |
| Sample size | 1 | 0 | 229 | 74 | 0 | 86 | 35 | 1 | 426 |
| Males | | | | | | | | | |
| Mean length (mm) | 578 | 345 | 493 | 535 | 383 | 511 | 544 | — | 494 |
| SE | 11 | 22 | 1 | 5 | 3 | 4 | 4 | — | 2 |
| Range | 557–592 | 296–399 | 421–582 | 456–601 | 350–418 | 430–585 | 496–581 | — | 296–601 |
| Sample size | 3 | 4 | 340 | 42 | 31 | 68 | 24 | 0 | 512 |
| All fish | | | | | | | | | |
| Mean length (mm) | 562 | 345 | 490 | 535 | 383 | 503 | 535 | 459 | 497 |
| SE | 18 | 22 | 1 | 2 | 3 | 2 | 3 | — | 1 |
| Range | 512–592 | 296–399 | 421–582 | 456–601 | 350–418 | 402–585 | 428–581 | — | 296–601 |
| Sample size | 4 | 4 | 569 | 116 | 31 | 154 | 59 | 1 | 938 |

Table 17.—Estimated sex composition of Ayakulik River (Red Lake) sockeye salmon escapement by week, 2014.

| Statistical week | Dates | Sample size | | | Escapement | | | | | |
|---------------------|-----------|-------------|-------|-------|------------|---------|--------|---------|---------|--------|
| | | Females | Males | Total | Percent | Females | Males | Females | Males | Total |
| 21 | 5/17–5/23 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 |
| 22 | 5/24–5/30 | 0 | 0 | 0 | 37.9 | 62.1 | 3,028 | 4,959 | 7,987 | |
| 23 | 5/31–6/06 | 91 | 149 | 240 | 38.0 | 62.0 | 31,509 | 51,347 | 82,856 | |
| 24 | 6/07–6/13 | 93 | 144 | 237 | 39.6 | 60.4 | 5,413 | 8,246 | 13,659 | |
| 25 | 6/14–6/20 | 0 | 0 | 0 | 43.9 | 56.1 | 3,987 | 5,101 | 9,088 | |
| 26 | 6/21–6/27 | 0 | 0 | 0 | 47.5 | 52.5 | 9,848 | 10,892 | 20,740 | |
| 27 | 6/28–7/04 | 129 | 111 | 240 | 52.2 | 47.8 | 12,336 | 11,277 | 23,613 | |
| 28 | 7/05–7/11 | 125 | 129 | 254 | 49.9 | 50.1 | 21,885 | 21,971 | 43,856 | |
| 29 | 7/12–7/18 | 76 | 106 | 182 | 40.1 | 49.2 | 3,698 | 4,543 | 8,241 | |
| Early-run total | | 514 | 639 | 1,153 | 43.7 | 56.3 | 91,704 | 118,336 | 210,040 | |
| 35 | 29 | 7/12–7/18 | 76 | 106 | 182 | 4.8 | 5.9 | 443 | 544 | 987 |
| | 30 | 7/19–7/25 | 126 | 118 | 244 | 54.9 | 45.1 | 4,429 | 3,632 | 8,061 |
| | 31 | 7/26–8/01 | 154 | 87 | 241 | 60.7 | 39.3 | 4,843 | 3,141 | 7,984 |
| | 32 | 8/02–8/08 | 120 | 124 | 244 | 50.1 | 49.9 | 6,773 | 6,732 | 13,505 |
| | 33 | 8/09–8/15 | 139 | 130 | 269 | 52.4 | 47.6 | 3,706 | 3,365 | 7,071 |
| | 34 | 8/16–8/22 | 133 | 107 | 240 | 54.3 | 45.7 | 16,557 | 13,923 | 30,480 |
| | 35 | 8/23–8/29 | 120 | 120 | 240 | 50.9 | 49.1 | 7,471 | 7,208 | 14,679 |
| | 36 | 8/30–9/5 | 0 | 0 | 0 | 50.0 | 50.0 | 2,452 | 2,452 | 4,904 |
| Late-run total | | 868 | 792 | 1,660 | 53.2 | 46.8 | 46,673 | 40,998 | 87,671 | |

Note: Ayakulik early-run escapement is summed through 15 July and late-run escapement after 15 July; however, samples from all of week 29 were utilized for both early- and late-run sex composition estimates.

Table 18.—Estimated age composition of Ayakulik River (Red Lake) late-run sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | | | | Total |
|---------------------|----------------|--------------------|-----------|------------|------------|----------------|--------------|-----------|--------------|----------------|--------------|-----------|-----------------|
| | | | 0.2 | 0.3 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 3.2 | |
| 29 7/12–7/18 | 158 | Percent Numbers | 0.0 0 | 0.1 8 | 0.4 28 | 4.2 397 | 1.6 152 | 0.0 0 | 0.9 72 | 2.7 238 | 0.9 92 | 0.0 0 | 10.7 987 |
| 30 7/19–7/25 | 222 | Percent Numbers | 0.3 24 | 0.4 28 | 3.3 251 | 42.6 3,365 | 10.9 867 | 0.3 24 | 6.9 546 | 28.0 2,400 | 7.2 556 | 0.0 0 | 100.0 8,061 |
| 31 7/26–8/1 | 216 | Percent Numbers | 0.0 2 | 0.0 2 | 1.9 149 | 32.0 2,574 | 9.9 804 | 0.0 2 | 5.8 472 | 45.9 3,625 | 4.4 348 | 0.1 6 | 100.0 7,984 |
| 32 8/2–8/8 | 226 | Percent Numbers | 0.0 0 | 0.0 0 | 1.2 166 | 25.7 3,440 | 5.3 717 | 0.0 0 | 3.7 475 | 60.0 8,145 | 3.7 513 | 0.3 49 | 100.0 13,505 |
| 33 8/9–8/15 | 234 | Percent Numbers | 0.0 0 | 0.1 8 | 0.5 36 | 25.6 1,686 | 3.7 267 | 0.0 0 | 4.6 306 | 62.8 4,587 | 2.6 178 | 0.0 2 | 100.0 7,071 |
| 34 8/16–8/22 | 206 | Percent Numbers | 0.0 0 | 0.4 113 | 0.5 146 | 16.1 4,620 | 4.0 1,184 | 0.0 0 | 2.9 842 | 74.1 23,002 | 2.0 571 | 0.0 0 | 100.0 30,480 |
| 35 8/23–8/29 | 207 | Percent Numbers | 0.0 0 | 0.1 12 | 0.5 71 | 14.8 2,165 | 1.9 284 | 0.0 0 | 2.8 414 | 78.9 11,568 | 1.1 166 | 0.0 0 | 100.0 14,679 |
| 36 8/30–9/5 | 0 | Percent Numbers | 0.0 0 | 0.0 0 | 0.5 24 | 15.0 734 | 1.4 71 | 0.0 0 | 2.9 142 | 79.2 3,885 | 1.0 47 | 0.0 0 | 100.0 4,904 |
| Total | 1,469 | Percent Numbers | 0.0 27 | 0.2 171 | 1.0 870 | 21.7 18,982 | 5.0 4,345 | 0.0 27 | 3.7 3,269 | 65.5 57,451 | 2.8 2,472 | 0.1 57 | 100.0 87,671 |

Note: Ayakulik late-run escapement is summed after 15 July; however, samples from all of week 29 were utilized in the age composition estimates.

Table 19.—Length composition of Ayakulik River (Red Lake) late-run sockeye salmon escapement samples by age and sex, 2014.

| | Age | | | | | | | | | | |
|------------------|-----|---------|---------|---------|---------|-----|---------|---------|---------|-----|---------|
| | 0.2 | 0.3 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 3.2 | Total |
| Females | | | | | | | | | | | |
| Mean length (mm) | 450 | 580 | — | 493 | 547 | — | — | 510 | 537 | 495 | 510 |
| SE | — | — | — | 2 | 3 | — | — | 1 | 4 | — | 2 |
| Range | — | — | — | 415–561 | 490–605 | — | — | 426–570 | 462–572 | — | 415–605 |
| Sample size | 1 | 1 | 0 | 202 | 57 | 0 | 0 | 438 | 35 | 1 | 735 |
| Males | | | | | | | | | | | |
| Mean length (mm) | — | 467 | 344 | 511 | 560 | 572 | 389 | 531 | 557 | — | 506 |
| SE | — | — | 4 | 2 | 6 | — | 3 | 1 | 5 | — | 2 |
| Range | — | — | 312–397 | 421–586 | 479–617 | — | 343–450 | 447–587 | 512–588 | — | 312–617 |
| Sample size | 0 | 1 | 23 | 173 | 33 | 1 | 70 | 322 | 20 | 0 | 643 |
| All fish | | | | | | | | | | | |
| Mean length (mm) | 450 | 524 | 344 | 502 | 552 | 572 | 389 | 519 | 545 | 495 | 508 |
| SE | — | 57 | 4 | 1 | 3 | — | 3 | 1 | 4 | — | 1 |
| Range | — | 467–580 | 312–397 | 415–586 | 479–617 | — | 343–450 | 426–587 | 462–588 | — | 312–617 |
| Sample size | 1 | 2 | 23 | 375 | 90 | 1 | 70 | 760 | 55 | 1 | 1,378 |

Table 20.—Estimated age composition of Upper Station (South Olga Lakes) early-run sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | | Total | |
|---------------------|----------------|---------|-----|-----|-------|-----|-------|--------|-------|-----|--------|--|
| | | | 0.2 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | 3.1 | | |
| 22 5/24–5/30 | 111 | Percent | 0.0 | 0.0 | 4.6 | 2.6 | 50.3 | 38.6 | 3.2 | 0.8 | 100.0 | |
| | | Numbers | 0 | 0 | 17 | 9 | 160 | 156 | 14 | 2 | 358 | |
| 23 5/31–6/06 | 330 | Percent | 0.0 | 0.4 | 4.8 | 1.7 | 27.3 | 59.7 | 6.0 | 0.1 | 100.0 | |
| | | Numbers | 0 | 33 | 348 | 117 | 1,855 | 4,421 | 450 | 2 | 7,227 | |
| 24 6/07–6/13 | 209 | Percent | 0.0 | 0.8 | 4.6 | 1.1 | 17.1 | 69.9 | 6.5 | 0.0 | 100.0 | |
| | | Numbers | 0 | 64 | 365 | 85 | 1,345 | 5,460 | 530 | 0 | 7,849 | |
| 25 6/14–6/20 | 127 | Percent | 0.0 | 0.2 | 3.6 | 1.5 | 18.7 | 72.0 | 4.0 | 0.0 | 100.0 | |
| | | Numbers | 0 | 13 | 247 | 106 | 1,314 | 5,035 | 273 | 0 | 6,988 | |
| 26 6/21–6/27 | 140 | Percent | 0.1 | 0.0 | 4.7 | 3.0 | 15.8 | 73.4 | 2.9 | 0.0 | 100.0 | |
| | | Numbers | 4 | 0 | 264 | 165 | 887 | 4,068 | 164 | 0 | 5,552 | |
| 27 6/28–7/04 | 159 | Percent | 0.5 | 0.1 | 2.7 | 1.7 | 14.1 | 78.1 | 2.8 | 0.0 | 100.0 | |
| | | Numbers | 29 | 4 | 164 | 115 | 883 | 4,747 | 179 | 0 | 6,120 | |
| 28 7/05–7/11 | 225 | Percent | 0.0 | 0.5 | 3.6 | 0.5 | 9.9 | 83.6 | 1.8 | 0.0 | 100.0 | |
| | | Numbers | 0 | 9 | 64 | 8 | 170 | 1,470 | 30 | 0 | 1,751 | |
| 29 7/12–7/18 | 234 | Percent | 0.2 | 0.6 | 1.6 | 0.8 | 6.1 | 66.8 | 1.1 | 0.0 | 77.3 | |
| | | Numbers | 1 | 8 | 19 | 9 | 76 | 851 | 13 | 0 | 978 | |
| Total | | Percent | 0.1 | 0.4 | 4.0 | 1.7 | 18.2 | 71.2 | 4.5 | 0.0 | 100.0 | |
| | | Numbers | 34 | 132 | 1,489 | 615 | 6,690 | 26,206 | 1,653 | 4 | 36,823 | |

Note: Upper Station early-run escapement is summed through 15 July; however, samples from all of week 29 were utilized in the age composition estimates.

Table 21.—Length composition of Upper Station (South Olga Lakes) early-run sockeye salmon escapement samples by week, 2014.

| | Age | | | | | | | | |
|------------------|-----|---------|---------|---------|---------|---------|---------|-----|---------|
| | 0.2 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | 3.1 | Total |
| Females | | | | | | | | | |
| Mean length (mm) | — | 400 | 470 | 530 | 424 | 489 | 522 | — | 490 |
| SE | — | — | 5 | 7 | 24 | 1 | 3 | — | 2 |
| Range | — | — | 425–523 | 480–572 | 400–471 | 419–572 | 476–550 | — | 400–572 |
| Sample size | 0 | 1 | 25 | 15 | 3 | 631 | 32 | 0 | 707 |
| Males | | | | | | | | | |
| Mean length (mm) | 420 | 336 | 474 | 515 | 379 | 491 | 533 | 362 | 448 |
| SE | — | 5 | 6 | 11 | 1 | 1 | 5 | — | 2 |
| Range | — | 329–346 | 376–555 | 472–565 | 321–491 | 380–575 | 502–595 | — | 321–595 |
| Sample size | 1 | 3 | 33 | 8 | 280 | 381 | 25 | 1 | 732 |
| All fish | | | | | | | | | |
| Mean length (mm) | 420 | 352 | 472 | 525 | 379 | 490 | 527 | 362 | 469 |
| SE | — | 17 | 4 | 6 | 1 | 1 | 3 | — | 1 |
| Range | — | 329–400 | 376–555 | 472–572 | 321–491 | 380–575 | 476–595 | — | 321–595 |
| Sample size | 1 | 4 | 58 | 23 | 283 | 1,012 | 57 | 1 | 1,439 |

Table 22.—Estimated sex composition of Upper Station (South Olga Lakes) sockeye salmon escapement by week, 2014.

| Statistical week | Dates | Sample size | | | Escapement | | | | | |
|-------------------|-----------|-------------|-------|-------|------------|---------|-------|---------|--------|---------|
| | | Females | Males | Total | Percent | Females | Males | Females | Males | Total |
| 22 | 5/24–5/30 | 30 | 93 | 123 | 30.2 | 69.8 | | 108 | 250 | 358 |
| 23 | 5/31–6/06 | 147 | 213 | 360 | 40.9 | 59.1 | | 2,959 | 4,268 | 7,227 |
| 24 | 6/07–6/13 | 100 | 130 | 230 | 43.8 | 56.2 | | 3,435 | 4,414 | 7,849 |
| 25 | 6/14–6/20 | 71 | 72 | 143 | 48.4 | 51.6 | | 3,383 | 3,605 | 6,988 |
| 26 | 6/21–6/27 | 76 | 84 | 160 | 48.2 | 51.8 | | 2,675 | 2,877 | 5,552 |
| 27 | 6/28–7/04 | 88 | 89 | 177 | 51.4 | 48.6 | | 3,147 | 2,973 | 6,120 |
| 28 | 7/05–7/11 | 174 | 97 | 271 | 63.9 | 36.1 | | 1,119 | 632 | 1,751 |
| 29 | 7/12–7/18 | 174 | 95 | 269 | 50.1 | 49.9 | | 634 | 344 | 978 |
| Early-run total | | 860 | 873 | 1,733 | 47.4 | 52.6 | | 17,461 | 19,362 | 36,823 |
| Late-run total | 7/12–7/18 | 174 | 95 | 269 | 14.7 | 8.0 | | 187 | 101 | 288 |
| | 7/19–7/25 | 128 | 66 | 194 | 65.0 | 35.0 | | 174 | 93 | 267 |
| | 7/26–8/01 | 75 | 60 | 135 | 58.4 | 41.6 | | 121 | 87 | 208 |
| | 8/02–8/08 | 182 | 119 | 301 | 61.6 | 38.4 | | 3,039 | 1,891 | 4,930 |
| | 8/09–8/15 | 126 | 74 | 200 | 62.6 | 37.4 | | 13,912 | 8,321 | 22,233 |
| | 8/16–8/22 | 171 | 109 | 280 | 61.1 | 38.9 | | 19,085 | 12,159 | 31,244 |
| | 8/23–8/29 | 120 | 80 | 200 | 59.0 | 41.0 | | 44,764 | 31,156 | 75,920 |
| | 8/30–9/05 | 104 | 96 | 200 | 52.2 | 47.8 | | 10,880 | 9,977 | 20,857 |
| | 9/06–9/12 | 0 | 0 | 0 | 52.0 | 48.0 | | 11,303 | 10,434 | 21,737 |
| | 9/13–9/19 | 0 | 0 | 0 | 52.0 | 48.0 | | 1,938 | 1,789 | 3,727 |
| Late-run total | | 1,080 | 699 | 1,779 | 58.1 | 41.9 | | 105,402 | 76,009 | 181,411 |

Note: Upper Station early-run escapement is summed through 15 July and late-run escapement after 15 July; however, samples from all of week 29 were utilized for both early- and late-run sex composition estimates.

Table 23.—Estimated age composition of Upper Station (South Olga Lakes) late-run sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | | | Total |
|---------------------|----------------|---------|-----|-----|-----|-------|-------|-------|---------|-------|-----|---------|
| | | | 0.2 | 0.3 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | 3.1 | |
| 29 7/12–7/18 | 234 | Percent | 0.0 | 0.0 | 0.2 | 0.5 | 0.2 | 1.8 | 19.7 | 0.3 | 0.0 | 22.7 |
| | | Numbers | 0 | 0 | 2 | 6 | 3 | 23 | 251 | 4 | 0 | 288 |
| 30 7/19–7/25 | 171 | Percent | 1.1 | 0.1 | 1.4 | 5.4 | 4.1 | 10.0 | 76.5 | 1.4 | 0.0 | 100.0 |
| | | Numbers | 3 | 0 | 3 | 13 | 11 | 26 | 206 | 4 | 0 | 267 |
| 31 7/26–8/01 | 120 | Percent | 1.2 | 0.7 | 5.4 | 11.7 | 5.3 | 10.4 | 65.0 | 0.3 | 0.0 | 100.0 |
| | | Numbers | 3 | 1 | 10 | 22 | 12 | 23 | 136 | 1 | 0 | 208 |
| 32 8/02–8/08 | 247 | Percent | 0.1 | 0.3 | 5.6 | 12.8 | 2.1 | 6.3 | 71.8 | 1.0 | 0.0 | 100.0 |
| | | Numbers | 1 | 12 | 226 | 567 | 84 | 240 | 3,742 | 58 | 0 | 4,930 |
| 33 8/09–8/15 | 174 | Percent | 0.0 | 0.0 | 1.3 | 6.7 | 1.4 | 1.5 | 87.4 | 1.6 | 0.0 | 100.0 |
| | | Numbers | 0 | 4 | 260 | 1,459 | 315 | 312 | 19,527 | 356 | 0 | 22,233 |
| 34 8/16–8/22 | 243 | Percent | 0.0 | 0.0 | 0.1 | 3.8 | 2.2 | 1.4 | 91.2 | 1.4 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 31 | 1,163 | 676 | 434 | 28,517 | 423 | 0 | 31,244 |
| 35 8/23–8/29 | 171 | Percent | 0.0 | 0.0 | 0.0 | 4.2 | 1.2 | 2.0 | 90.7 | 1.9 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 3,173 | 938 | 1,551 | 68,838 | 1,419 | 0 | 75,920 |
| 36 8/30–9/05 | 169 | Percent | 0.0 | 0.0 | 0.0 | 5.3 | 0.6 | 1.2 | 90.0 | 2.9 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 1,105 | 126 | 252 | 18,762 | 612 | 0 | 20,857 |
| 37 9/06–9/12 | 0 | Percent | 0.0 | 0.0 | 0.0 | 5.3 | 0.6 | 1.2 | 89.9 | 3.0 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 1,158 | 129 | 257 | 19,550 | 643 | 0 | 21,737 |
| 38 9/13–9/19 | 0 | Percent | 0.0 | 0.0 | 0.0 | 5.3 | 0.6 | 1.2 | 89.9 | 3.0 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 198 | 22 | 44 | 3,352 | 110 | 0 | 3,727 |
| Total | 1,529 | Percent | 0.0 | 0.0 | 0.3 | 4.9 | 1.3 | 1.7 | 89.8 | 2.0 | 0.0 | 100.0 |
| | | Numbers | 7 | 17 | 533 | 8,865 | 2,316 | 3,163 | 162,881 | 3,630 | 0 | 181,411 |

Note: Upper Station late-run escapement is summed after 15 July; however, samples from all of week 29 were utilized in the age composition estimates.

Table 24.—Length composition of Upper Station (South Olga Lakes) late-run sockeye salmon escapement samples by week, 2014.

| | Age | | | | | | | | |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 0.2 | 0.3 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | Total |
| Females | | | | | | | | | |
| Mean length (mm) | 495 | 570 | — | 505 | 563 | 540 | 526 | 561 | 526 |
| SE | — | — | — | 4 | 4 | — | 1 | 8 | 2 |
| Range | — | — | — | 425–566 | 527–595 | — | 410–590 | 495–615 | 410–615 |
| Sample size | 1 | 1 | 0 | 64 | 22 | 1 | 739 | 17 | 845 |
| Males | | | | | | | | | |
| Mean length (mm) | 513 | 468 | 371 | 515 | 585 | 399 | 545 | 594 | 516 |
| SE | 30 | — | 6 | 8 | 8 | 4 | 2 | 18 | 3 |
| Range | 453–550 | — | 300–415 | 423–596 | 550–617 | 339–473 | 431–611 | 558–619 | 300–619 |
| Sample size | 3 | 1 | 28 | 29 | 9 | 68 | 387 | 3 | 528 |
| All fish | | | | | | | | | |
| Mean length (mm) | 509 | 519 | 371 | 508 | 569 | 401 | 533 | 566 | 523 |
| SE | 22 | 51 | 6 | 3 | 4 | 4 | 1 | 8 | 1 |
| Range | 453–550 | 468–570 | 300–415 | 423–596 | 527–617 | 339–540 | 410–611 | 495–619 | 300–619 |
| Sample size | 4 | 2 | 28 | 93 | 31 | 69 | 1,126 | 20 | 1,373 |

Table 25.—Estimated age composition of Frazer Lake sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | | | Total |
|------------------|-------------|---------|-----|-------|-----|-----|-------|---------|--------|-----|-----|---------|
| | | | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.1 | |
| 23 5/31–6/06 | 0 | Percent | 0.0 | 4.3 | 0.0 | 0.0 | 1.4 | 68.1 | 25.6 | 0.5 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 6 |
| 24 6/07–6/13 | 207 | Percent | 0.0 | 4.2 | 0.1 | 0.1 | 1.7 | 69.1 | 24.5 | 0.4 | 0.0 | 100.0 |
| | | Numbers | 0 | 347 | 5 | 5 | 145 | 5,761 | 2,036 | 35 | 0 | 8,335 |
| 25 6/14–6/20 | 210 | Percent | 0.1 | 2.9 | 0.4 | 0.4 | 4.2 | 75.2 | 16.8 | 0.1 | 0.0 | 100.0 |
| | | Numbers | 7 | 494 | 65 | 65 | 630 | 12,438 | 2,830 | 10 | 0 | 16,539 |
| 26 6/21–6/27 | 219 | Percent | 0.7 | 2.2 | 0.1 | 0.1 | 8.5 | 76.8 | 11.7 | 0.0 | 0.0 | 100.0 |
| | | Numbers | 64 | 185 | 7 | 7 | 756 | 6,770 | 1,099 | 0 | 0 | 8,889 |
| 27 6/28–7/04 | 210 | Percent | 0.1 | 3.0 | 0.0 | 0.0 | 5.5 | 85.2 | 6.2 | 0.0 | 0.0 | 100.0 |
| | | Numbers | 23 | 881 | 0 | 0 | 1,668 | 23,384 | 1,869 | 0 | 0 | 27,826 |
| 28 7/05–7/11 | 203 | Percent | 0.0 | 1.2 | 0.0 | 0.0 | 1.3 | 93.6 | 3.6 | 0.1 | 0.1 | 100.0 |
| | | Numbers | 0 | 532 | 0 | 0 | 645 | 40,578 | 1,540 | 44 | 44 | 43,383 |
| 29 7/12–7/18 | 219 | Percent | 0.1 | 1.6 | 0.0 | 0.0 | 1.7 | 89.3 | 6.7 | 0.3 | 0.3 | 100.0 |
| | | Numbers | 33 | 507 | 0 | 0 | 507 | 26,886 | 2,013 | 100 | 100 | 30,146 |
| 30 7/19–7/25 | 226 | Percent | 0.3 | 2.2 | 0.0 | 0.0 | 3.7 | 89.9 | 3.8 | 0.0 | 0.0 | 100.0 |
| | | Numbers | 126 | 820 | 0 | 0 | 851 | 31,767 | 1,482 | 17 | 17 | 35,081 |
| 31 7/26–8/01 | 211 | Percent | 0.0 | 0.7 | 0.0 | 0.0 | 11.4 | 85.6 | 2.2 | 0.0 | 0.1 | 100.0 |
| | | Numbers | 3 | 55 | 0 | 0 | 952 | 6,800 | 172 | 0 | 4 | 7,986 |
| 32 8/02–8/08 | 207 | Percent | 0.0 | 0.7 | 0.0 | 0.0 | 6.2 | 90.1 | 2.6 | 0.0 | 0.4 | 100.0 |
| | | Numbers | 0 | 87 | 0 | 0 | 862 | 11,862 | 347 | 0 | 57 | 13,214 |
| 33 8/09–8/15 | 209 | Percent | 0.0 | 1.3 | 0.0 | 0.0 | 9.9 | 84.6 | 3.7 | 0.0 | 0.5 | 100.0 |
| | | Numbers | 0 | 82 | 0 | 0 | 612 | 5,409 | 230 | 0 | 30 | 6,364 |
| 34 8/16–8/22 | 0 | Percent | 0.0 | 1.4 | 0.0 | 0.0 | 10.5 | 83.7 | 3.8 | 0.0 | 0.5 | 100.0 |
| | | Numbers | 0 | 36 | 0 | 0 | 266 | 2,116 | 97 | 0 | 12 | 2,527 |
| Total | 2,121 | Percent | 0.1 | 2.0 | 0.0 | 0.0 | 3.9 | 86.8 | 6.8 | 0.1 | 0.1 | 100.0 |
| | | Numbers | 257 | 4,028 | 77 | 77 | 7,894 | 173,773 | 13,717 | 207 | 265 | 200,296 |

Table 26.—Length composition of Frazer Lake sockeye salmon escapement samples by age and sex, 2014.

| | Age | | | | | | | | | |
|---------------------|---------|---------|-----|-----|---------|---------|---------|---------|---------|---------|
| | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.1 | Total |
| Females | | | | | | | | | | |
| Mean length (mm) | — | 487 | — | 615 | — | 480 | 528 | 515 | — | 485 |
| SE | — | 6 | — | — | — | 1 | 3 | 45 | — | 2 |
| Range | — | 445–530 | — | — | — | 417–599 | 415–590 | 470–560 | — | 415–615 |
| Sample size | 0 | 17 | 0 | 1 | 0 | 1,046 | 114 | 2 | 0 | 1,180 |
| Males | | | | | | | | | | |
| Mean length (mm) | 354 | 490 | 570 | — | 375 | 486 | 541 | — | 397 | 475 |
| SE | 25 | 8 | — | — | 3 | 1 | 4 | — | 17 | 2 |
| Range | 315–401 | 414–582 | — | — | 329–493 | 380–596 | 440–600 | — | 375–431 | 315–600 |
| Sample size | 3 | 26 | 1 | 0 | 116 | 731 | 61 | 0 | 3 | 941 |
| All fish | | | | | | | | | | |
| Mean length (mm) | 354 | 489 | 570 | 615 | 375 | 482 | 532 | 515 | 397 | 480 |
| SE | 25 | 5 | — | — | 3 | 1 | 2 | 45 | 17 | 1 |
| Range | 315–401 | 414–582 | — | — | 329–493 | 380–599 | 415–600 | 470–560 | 375–431 | 315–615 |
| Sample size | 3 | 43 | 1 | 1 | 116 | 1,777 | 175 | 2 | 3 | 2,121 |

Table 27.—Estimated sex composition of Frazer Lake sockeye salmon escapement by week, 2014.

| Statistical week | Dates | Sample size | | | Percent | | | Escapement | | |
|---------------------|-----------|-------------|-------|-------|---------|-------|---------|------------|---------|--|
| | | Females | Males | Total | Females | Males | Females | Males | Total | |
| 23 | 5/31–6/06 | 0 | 0 | 0 | 43.3 | 56.7 | 3 | 3 | 6 | |
| 24 | 6/07–6/13 | 104 | 136 | 240 | 44.6 | 55.4 | 3,716 | 4,619 | 8,335 | |
| 25 | 6/14–6/20 | 128 | 112 | 240 | 51.2 | 48.8 | 8,468 | 8,071 | 16,539 | |
| 26 | 6/21–6/27 | 82 | 158 | 240 | 38.2 | 61.8 | 3,399 | 5,490 | 8,889 | |
| 27 | 6/28–7/04 | 131 | 109 | 240 | 54.4 | 45.6 | 15,134 | 12,692 | 27,826 | |
| 28 | 7/05–7/11 | 159 | 81 | 240 | 64.9 | 35.1 | 28,136 | 15,247 | 43,383 | |
| 29 | 7/12–7/18 | 157 | 83 | 240 | 67.3 | 32.7 | 20,292 | 9,854 | 30,146 | |
| 30 | 7/19–7/25 | 175 | 65 | 240 | 71.2 | 28.8 | 24,961 | 10,120 | 35,081 | |
| 31 | 7/26–8/01 | 147 | 93 | 240 | 62.3 | 37.7 | 4,976 | 3,010 | 7,986 | |
| 32 | 8/02–8/08 | 145 | 95 | 240 | 58.3 | 41.7 | 7,700 | 5,514 | 13,214 | |
| 33 | 8/09–8/15 | 116 | 124 | 240 | 50.1 | 49.9 | 3,189 | 3,175 | 6,364 | |
| 34 | 8/16–8/22 | 0 | 0 | 0 | 48.3 | 51.7 | 1,221 | 1,306 | 2,527 | |
| Total | | 1,344 | 1,056 | 2,400 | 60.5 | 39.5 | 121,196 | 79,100 | 200,296 | |

Table 28.—Estimated age composition of Saltery Lake sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | Total | |
|---------------------|----------------|---------|-----|-------|--------|-----|--------|-------|-----|--------|--|
| | | | 0.3 | 1.2 | 1.3 | 1.4 | 2.2 | 2.3 | 2.4 | | |
| 25 6/14–6/20 | 0 | Percent | 0.0 | 11.0 | 53.4 | 0.0 | 27.4 | 8.2 | 0.0 | 100.0 | |
| | | Numbers | 0 | 11 | 56 | 0 | 28 | 9 | 0 | 104 | |
| 26 6/21–6/27 | 0 | Percent | 0.0 | 11.0 | 53.4 | 0.0 | 27.4 | 8.2 | 0.0 | 100.0 | |
| | | Numbers | 0 | 59 | 287 | 0 | 147 | 44 | 0 | 537 | |
| 27 6/28–7/04 | 73 | Percent | 0.0 | 9.6 | 52.9 | 0.0 | 30.6 | 6.9 | 0.0 | 100.0 | |
| | | Numbers | 0 | 62 | 338 | 0 | 193 | 45 | 0 | 638 | |
| 28 7/05–7/11 | 76 | Percent | 0.0 | 5.2 | 51.0 | 0.3 | 40.0 | 3.5 | 0.0 | 100.0 | |
| | | Numbers | 0 | 285 | 2,785 | 14 | 2,188 | 184 | 0 | 5,456 | |
| 29 7/12–7/18 | 155 | Percent | 0.1 | 4.7 | 49.1 | 1.2 | 39.4 | 5.4 | 0.1 | 100.0 | |
| | | Numbers | 11 | 479 | 4,978 | 125 | 4,036 | 574 | 11 | 10,213 | |
| 30 7/19–7/25 | 168 | Percent | 0.4 | 5.0 | 44.4 | 1.0 | 43.6 | 5.1 | 0.4 | 100.0 | |
| | | Numbers | 26 | 298 | 2,659 | 59 | 2,664 | 305 | 26 | 6,039 | |
| 31 7/26–8/01 | 29 | Percent | 0.0 | 4.4 | 42.2 | 0.1 | 48.8 | 4.4 | 0.0 | 100.0 | |
| | | Numbers | 1 | 154 | 1,501 | 3 | 1,752 | 154 | 1 | 3,566 | |
| 32 8/02–8/08 | 62 | Percent | 0.0 | 6.5 | 43.5 | 0.0 | 43.5 | 6.5 | 0.0 | 100.0 | |
| | | Numbers | 0 | 272 | 1,837 | 0 | 1,837 | 272 | 0 | 4,219 | |
| 33 8/09–8/15 | 0 | Percent | 0.0 | 6.5 | 43.5 | 0.0 | 43.5 | 6.5 | 0.0 | 100.0 | |
| | | Numbers | 0 | 65 | 435 | 0 | 435 | 65 | 0 | 1,000 | |
| Total | | Percent | 0.1 | 5.3 | 46.8 | 0.6 | 41.8 | 5.2 | 0.1 | 100.0 | |
| | | Numbers | 39 | 1,686 | 14,875 | 202 | 13,282 | 1,650 | 39 | 31,772 | |

Table 29.—Length composition of Saltery Lake sockeye salmon escapement samples by age and sex, 2014.

| | Age | | | | | | | |
|------------------|-----|---------|---------|---------|---------|---------|-----|---------|
| | 0.3 | 1.2 | 1.3 | 1.4 | 2.2 | 2.3 | 2.4 | Total |
| Females | | | | | | | | |
| Mean length (mm) | 548 | 490 | 545 | 570 | 491 | 534 | — | 522 |
| SE | — | 7 | 2 | 6 | 2 | 5 | — | 2 |
| Range | — | 446–569 | 478–601 | 559–578 | 444–539 | 484–581 | — | 444–601 |
| Sample size | 1 | 17 | 144 | 3 | 103 | 22 | 0 | 290 |
| Males | | | | | | | | |
| Mean length (mm) | — | 519 | 576 | 625 | 512 | 563 | 577 | 544 |
| SE | — | 5 | 2 | — | 2 | 5 | — | 2 |
| Range | — | 496–582 | 454–634 | — | 425–576 | 541–579 | — | 425–634 |
| Sample size | 0 | 16 | 124 | 1 | 122 | 9 | 1 | 273 |
| All fish | | | | | | | | |
| Mean length (mm) | 548 | 504 | 559 | 584 | 502 | 542 | 577 | 533 |
| SE | — | 5 | 2 | 14 | 2 | 4 | — | 2 |
| Range | — | 446–582 | 454–634 | 559–625 | 425–576 | 484–581 | — | 425–634 |
| Sample size | 1 | 33 | 268 | 4 | 225 | 31 | 1 | 563 |

Table 30.—Estimated sex composition of Saltery Lake sockeye salmon escapement by week, 2014.

| Statistical week | Dates | Sample size | | | Escapement | | | Number | | |
|---------------------|-----------|-------------|-------|-------|------------|---------|--------|---------|--------|-------|
| | | Females | Males | Total | Percent | Females | Males | Females | Males | Total |
| 25 | 6/14–6/20 | 0 | 0 | 0 | 40.3 | 59.7 | 42 | 62 | 104 | |
| 26 | 6/21–6/27 | 0 | 0 | 0 | 40.3 | 59.7 | 216 | 321 | 537 | |
| 27 | 6/28–7/04 | 31 | 46 | 77 | 41.8 | 58.2 | 267 | 371 | 638 | |
| 28 | 7/05–7/11 | 39 | 41 | 80 | 48.8 | 51.2 | 2,661 | 2,795 | 5,456 | |
| 29 | 7/12–7/18 | 91 | 81 | 172 | 54.3 | 45.7 | 5,550 | 4,663 | 10,213 | |
| 30 | 7/19–7/25 | 111 | 72 | 183 | 56.3 | 43.7 | 3,401 | 2,638 | 6,039 | |
| 31 | 7/26–8/01 | 15 | 18 | 33 | 45.8 | 54.2 | 1,633 | 1,933 | 3,566 | |
| 32 | 8/02–8/08 | 31 | 41 | 72 | 43.1 | 56.9 | 1,817 | 2,402 | 4,219 | |
| 33 | 8/09–8/15 | 0 | 0 | 0 | 43.1 | 56.9 | 431 | 569 | 1,000 | |
| Total | | 318 | 299 | 617 | 50.4 | 49.6 | 16,017 | 15,755 | 31,772 | |

Table 31.—Estimated age composition of Pasagshak River sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | | Total |
|---------------------|----------------|---------|-----|-----|-----|------|-------|-----|-----|------|-------|
| | | | 0.2 | 0.3 | 0.4 | 1.2 | 1.3 | 1.4 | 2.2 | 2.3 | |
| 24 6/07–6/13 | 0 | Percent | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 25 6/14–6/20 | 0 | Percent | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 0 | 92 | 0 | 0 | 0 | 92 |
| 26 6/21–6/27 | 0 | Percent | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 47 |
| 27 6/28–7/04 | 1 | Percent | 0.1 | 0.1 | 0.0 | 0.1 | 99.7 | 0.0 | 0.0 | 0.1 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 0 | 128 | 0 | 0 | 0 | 128 |
| 28 7/05–7/11 | 0 | Percent | 2.7 | 2.4 | 0.0 | 4.4 | 88.1 | 0.0 | 0.7 | 1.8 | 100.0 |
| | | Numbers | 1 | 1 | 0 | 2 | 26 | 0 | 0 | 1 | 31 |
| 29 7/12–7/18 | 0 | Percent | 6.4 | 5.8 | 0.0 | 10.6 | 71.3 | 0.0 | 1.6 | 4.2 | 100.0 |
| | | Numbers | 22 | 20 | 0 | 36 | 229 | 0 | 5 | 15 | 327 |
| 30 7/19–7/25 | 119 | Percent | 8.5 | 7.8 | 0.9 | 14.2 | 60.6 | 0.0 | 2.1 | 5.7 | 100.0 |
| | | Numbers | 31 | 28 | 3 | 51 | 213 | 0 | 8 | 20 | 353 |
| 31 7/26–8/01 | 12 | Percent | 2.3 | 1.9 | 6.5 | 3.8 | 82.5 | 0.3 | 0.7 | 2.0 | 100.0 |
| | | Numbers | 3 | 3 | 16 | 5 | 191 | 0 | 1 | 2 | 222 |
| 32 8/02–8/08 | 46 | Percent | 6.9 | 3.5 | 3.4 | 10.4 | 58.5 | 3.5 | 3.5 | 10.4 | 100.0 |
| | | Numbers | 18 | 9 | 5 | 28 | 106 | 9 | 9 | 28 | 212 |
| 33 8/09–8/15 | 0 | Percent | 8.7 | 4.3 | 2.2 | 13.0 | 50.0 | 4.3 | 4.3 | 13.0 | 100.0 |
| | | Numbers | 15 | 7 | 4 | 22 | 85 | 7 | 7 | 22 | 169 |
| Total | 178 | Percent | 5.7 | 4.3 | 1.7 | 9.1 | 70.6 | 1.1 | 1.9 | 5.5 | 100.0 |
| | | Numbers | 90 | 68 | 27 | 144 | 1,118 | 17 | 31 | 88 | 1,582 |

Table 32.—Length composition of Pasagshak River sockeye salmon escapement samples by age and sex, 2014.

| | Age | | | | | | | | |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 0.2 | 0.3 | 0.4 | 1.2 | 1.3 | 1.4 | 2.2 | 2.3 | Total |
| Females | | | | | | | | | |
| Mean length (mm) | 489 | 519 | 521 | 489 | 540 | 568 | 504 | 494 | 522 |
| SE | 10 | 16 | — | 9 | 5 | 3 | 27 | 29 | 4 |
| Range | 465–580 | 435–560 | — | 426–538 | 425–632 | 565–570 | 477–530 | 445–562 | 425–632 |
| Sample size | 11 | 7 | 1 | 12 | 49 | 2 | 2 | 4 | 88 |
| Males | | | | | | | | | |
| Mean length (mm) | 535 | 563 | 630 | 533 | 584 | — | 555 | 577 | 571 |
| SE | 22 | 12 | — | 13 | 3 | — | 13 | 16 | 4 |
| Range | 485–600 | 520–600 | — | 384–579 | 540–640 | — | 530–570 | 444–620 | 384–640 |
| Sample size | 5 | 6 | 1 | 14 | 51 | 0 | 3 | 10 | 90 |
| All fish | | | | | | | | | |
| Mean length (mm) | 503 | 539 | 576 | 512 | 562 | 568 | 534 | 553 | 547 |
| SE | 11 | 12 | 55 | 9 | 4 | 3 | 17 | 17 | 4 |
| Range | 465–600 | 435–600 | 521–630 | 384–579 | 425–640 | 565–570 | 477–570 | 444–620 | 384–640 |
| Sample size | 16 | 13 | 2 | 26 | 100 | 2 | 5 | 14 | 178 |

Table 33.—Estimated sex composition of Pasagshak River sockeye salmon escapement by week, 2014.

| Statistical week | Dates | Sample size | | | Escapement | | | | | |
|---------------------|-----------|-------------|------------|------------|-------------|-------------|------------|--------------|--------------|--|
| | | Females | Males | Total | Percent | | Number | | | |
| | | | | | Females | Males | Females | Males | Total | |
| 24 | 6/07–6/13 | 0 | 0 | 0 | 0.0 | 100.0 | 0 | 1 | 1 | |
| 25 | 6/14–6/20 | 0 | 0 | 0 | 0.0 | 100.0 | 0 | 92 | 92 | |
| 26 | 6/21–6/27 | 0 | 0 | 0 | 0.0 | 100.0 | 0 | 47 | 47 | |
| 27 | 6/28–7/04 | 0 | 1 | 1 | 0.2 | 99.8 | 0 | 128 | 128 | |
| 28 | 7/05–7/11 | 0 | 0 | 0 | 19.9 | 80.1 | 6 | 25 | 31 | |
| 29 | 7/12–7/18 | 0 | 0 | 0 | 37.8 | 62.2 | 123 | 204 | 327 | |
| 30 | 7/19–7/25 | 83 | 62 | 145 | 52.0 | 48.0 | 184 | 169 | 353 | |
| 31 | 7/26–8/01 | 6 | 13 | 19 | 35.2 | 64.8 | 78 | 144 | 222 | |
| 32 | 8/02–8/08 | 19 | 35 | 54 | 35.2 | 64.8 | 75 | 137 | 212 | |
| 33 | 8/09–8/15 | 0 | 0 | 0 | 35.2 | 64.8 | 59 | 110 | 169 | |
| Total | | 108 | 111 | 219 | 33.2 | 66.8 | 526 | 1,056 | 1,582 | |

Table 34.—Estimated age composition of Pauls Lake sockeye salmon escapement by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | Total | |
|---------------------|----------------|---------|-----|-------|--------|-------|-----|-------|-------|--------|--|
| | | | 0.2 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | | |
| 24 6/07–6/13 | 0 | Percent | 0.6 | 6.5 | 70.5 | 8.6 | 3.9 | 4.8 | 5.1 | 100.0 | |
| | | Numbers | 6 | 70 | 752 | 92 | 41 | 51 | 54 | 1,066 | |
| 25 6/14–6/20 | 0 | Percent | 0.6 | 6.5 | 70.5 | 8.6 | 3.9 | 4.8 | 5.1 | 100.0 | |
| | | Numbers | 31 | 336 | 3,618 | 443 | 198 | 244 | 260 | 5,130 | |
| 26 6/21–6/27 | 336 | Percent | 0.6 | 7.0 | 69.4 | 9.1 | 3.8 | 4.9 | 5.2 | 100.0 | |
| | | Numbers | 19 | 214 | 2,260 | 281 | 124 | 154 | 163 | 3,215 | |
| 27 6/28–7/04 | 0 | Percent | 0.4 | 10.6 | 61.0 | 12.6 | 3.5 | 6.1 | 5.8 | 100.0 | |
| | | Numbers | 10 | 268 | 1,563 | 321 | 89 | 154 | 148 | 2,554 | |
| 28 7/05–7/11 | 0 | Percent | 0.2 | 14.6 | 51.5 | 16.7 | 3.1 | 7.4 | 6.6 | 100.0 | |
| | | Numbers | 2 | 225 | 727 | 254 | 44 | 111 | 98 | 1,461 | |
| 29 7/12–7/18 | 150 | Percent | 0.0 | 18.2 | 43.2 | 20.2 | 2.7 | 8.5 | 7.2 | 100.0 | |
| | | Numbers | 0 | 121 | 293 | 134 | 18 | 57 | 48 | 672 | |
| 30 7/19–7/25 | 0 | Percent | 0.0 | 18.7 | 42.0 | 20.7 | 2.7 | 8.7 | 7.3 | 100.0 | |
| | | Numbers | 0 | 319 | 718 | 353 | 46 | 148 | 125 | 1,709 | |
| 31 7/26–8/01 | 0 | Percent | 0.0 | 18.7 | 42.0 | 20.7 | 2.7 | 8.7 | 7.3 | 100.0 | |
| | | Numbers | 0 | 267 | 600 | 295 | 38 | 124 | 105 | 1,428 | |
| 32 8/02–8/08 | 0 | Percent | 0.0 | 18.7 | 42.0 | 20.7 | 2.7 | 8.7 | 7.3 | 100.0 | |
| | | Numbers | 0 | 175 | 393 | 193 | 25 | 81 | 69 | 936 | |
| Total | | Percent | 0.4 | 11.0 | 60.1 | 13.0 | 3.4 | 6.2 | 5.9 | 100.0 | |
| | | Numbers | 69 | 1,993 | 10,925 | 2,367 | 623 | 1,124 | 1,070 | 18,171 | |

Table 35.—Length composition of Pauls Lake sockeye salmon escapement samples by age and sex, 2014.

| | Age | | | | | | | |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 0.2 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | Total |
| Females | | | | | | | | |
| Mean length (mm) | — | — | 463 | 538 | — | 481 | 527 | 482 |
| SE | — | — | 2 | 5 | — | 8 | 8 | 5 |
| Range | — | — | 404–553 | 485–595 | — | 428–535 | 452–590 | 404–595 |
| Sample size | 0 | 0 | 162 | 37 | 0 | 17 | 21 | 237 |
| Males | | | | | | | | |
| Mean length (mm) | 464 | 332 | 480 | 550 | 334 | 493 | 559 | 448 |
| SE | 6 | 4 | 3 | 12 | 6 | 9 | 10 | 5 |
| Range | 458–470 | 285–453 | 314–587 | 426–638 | 292–375 | 460–548 | 540–610 | 285–638 |
| Sample size | 2 | 50 | 135 | 22 | 17 | 11 | 7 | 244 |
| All fish | | | | | | | | |
| Mean length (mm) | 464 | 332 | 471 | 542 | 334 | 486 | 535 | 465 |
| SE | 6 | 4 | 2 | 5 | 6 | 6 | 7 | 3 |
| Range | 458–470 | 285–453 | 314–587 | 426–638 | 292–375 | 428–548 | 452–610 | 285–638 |
| Sample size | 2 | 50 | 297 | 59 | 17 | 28 | 28 | 481 |

Table 36.—Estimated sex composition of Pauls Lake sockeye salmon escapement by week, 2014.

| Statistical week | Dates | Sample size | | | Percent | | | Escapement | | |
|---------------------|-----------|-------------|-------|-------|---------|-------|---------|------------|--------|--|
| | | Females | Males | Total | Females | Males | Females | Males | Total | |
| 24 | 6/07–6/13 | 0 | 0 | 0 | 47.7 | 52.3 | 509 | 557 | 1,066 | |
| 25 | 6/14–6/20 | 0 | 0 | 0 | 47.7 | 52.3 | 2,449 | 2,681 | 5,130 | |
| 26 | 6/21–6/27 | 179 | 196 | 375 | 47.8 | 52.2 | 1,535 | 1,680 | 3,215 | |
| 27 | 6/28–7/04 | 0 | 0 | 0 | 48.5 | 51.5 | 1,238 | 1,316 | 2,554 | |
| 28 | 7/05–7/11 | 0 | 0 | 0 | 49.4 | 50.6 | 721 | 740 | 1,461 | |
| 29 | 7/12–7/18 | 102 | 102 | 204 | 49.9 | 50.1 | 335 | 337 | 672 | |
| 30 | 7/19–7/25 | 0 | 0 | 0 | 50.0 | 50.0 | 855 | 855 | 1,709 | |
| 31 | 7/26–8/01 | 0 | 0 | 0 | 50.0 | 50.0 | 714 | 714 | 1,428 | |
| 32 | 8/02–8/08 | 0 | 0 | 0 | 50.0 | 50.0 | 468 | 468 | 936 | |
| Total | | 281 | 298 | 579 | 48.6 | 51.4 | 8,824 | 9,347 | 18,171 | |

Table 37.—Kodiak sockeye salmon escapement age-2+ average length by year, system 1985 to 2014.

| Year | System | | | | | | | | | | |
|----------------|-----------------|----------------|-------------------|------------------|--------------------|-------------------|--------|---------|---------|-------|-----------|
| | Karluk early | Karluk late | Ayakulik early | Ayakulik late | Upper Stn early | Upper Stn late | Frazer | Afognak | Saltery | Pauls | Pasagshak |
| 1985 | 518 | 538 | 517 | 539 | 530 | 529 | 502 | 467 | 501 | — | — |
| 1986 | 519 | 555 | 519 | — | 509 | 567 | 505 | 474 | 542 | — | — |
| 1987 | 517 | 531 | 518 | 530 | 529 | 567 | 505 | 485 | 499 | — | — |
| 1988 | 504 | 532 | 514 | 545 | 520 | 563 | 508 | 477 | 479 | — | — |
| 1989 | 510 | 530 | 538 | 543 | 515 | 551 | 506 | 483 | 528 | — | — |
| 1990 | 506 | 537 | 519 | 530 | 486 | 527 | 504 | 478 | 494 | 490 | — |
| 1991 | 507 | 522 | 520 | 545 | 498 | 535 | 506 | 460 | — | 492 | — |
| 1992 | 482 | 516 | 514 | 535 | 488 | 518 | 499 | 457 | — | — | — |
| 1993 | 505 | 521 | 540 | 560 | 505 | 541 | 497 | 480 | 517 | 491 | — |
| 1994 | 481 | 512 | 505 | 523 | 480 | 522 | 482 | 464 | 481 | — | — |
| 1995 | 503 | 537 | 530 | 542 | 509 | 543 | 513 | 485 | 514 | 506 | — |
| 1996 | 517 | 548 | 530 | 543 | 517 | 563 | 526 | 473 | 530 | 502 | — |
| 1997 | 504 | 504 | 507 | 498 | 510 | 530 | 512 | 466 | — | 496 | — |
| 1998 | 486 | 512 | 485 | 529 | 477 | 523 | 490 | 453 | — | 484 | — |
| 1999 | 509 | 528 | 533 | 537 | 517 | 539 | 515 | 492 | — | 503 | — |
| 2000 | 502 | 523 | 503 | 535 | 509 | 564 | 505 | 479 | — | 489 | — |
| 2001 | 518 | 535 | 510 | 524 | 505 | 558 | 521 | 473 | 521 | 494 | — |
| 2002 | 501 | 535 | 530 | 536 | 523 | 551 | 515 | 480 | 516 | 483 | — |
| 2003 | 511 | 534 | 519 | 539 | 501 | 544 | 501 | 487 | 507 | 500 | — |
| 2004 | 491 | 529 | 512 | 532 | 499 | 544 | 508 | 465 | — | — | — |
| 2005 | 487 | 508 | 493 | 509 | 488 | 529 | 486 | 473 | — | — | — |
| 2006 | 475 | 488 | 489 | 513 | 497 | 526 | 516 | 472 | — | — | — |
| 2007 | 491 | 500 | 518 | 518 | 505 | 546 | 494 | 498 | — | — | — |
| 2008 | 479 | 507 | 507 | 519 | 502 | 554 | 490 | 480 | 502 | — | — |
| 2009 | 500 | 514 | 513 | 509 | 520 | 559 | 527 | 495 | 511 | — | — |
| 2010 | 479 | 526 | 497 | 519 | 492 | 541 | 506 | 457 | 524 | — | — |
| 2011 | 506 | 530 | 522 | 546 | 510 | 545 | 503 | 490 | 512 | — | 468 |
| 2012 | 495 | 520 | 520 | 529 | 506 | 536 | 492 | 484 | 503 | — | 471 |
| 2013 | 498 | 530 | 516 | 530 | 508 | 545 | 493 | 487 | 486 | — | 522 |
| 2014 | 489 | 524 | 503 | 519 | 490 | 533 | 482 | 425 | 502 | 486 | 534 |
| 1985–2013 Avg. | 500 | 524 | 515 | 531 | 505 | 543 | 504 | 476 | 509 | 494 | 487 |

Note: Lengths are measured in mm from mid eye to tail fork (METF).

Table 38.—Kodiak sockeye salmon escapement age-2.3 average length by year, system 1985 to 2014.

| Year | System | | | | | | | | | | |
|----------------|-----------------|----------------|-------------------|------------------|--------------------|-------------------|--------|---------|---------|-------|-----------|
| | Karluk early | Karluk late | Ayakulik early | Ayakulik late | Upper Stn early | Upper Stn late | Frazer | Afognak | Saltery | Pauls | Pasagshak |
| 1985 | 555 | 580 | 551 | 580 | 556 | 585 | 538 | 526 | 555 | — | — |
| 1986 | 552 | 598 | 555 | — | 563 | 588 | 555 | 536 | 568 | — | — |
| 1987 | 562 | 576 | 562 | 581 | 567 | 584 | 572 | 551 | 575 | — | — |
| 1988 | 569 | 582 | 557 | 589 | 567 | 610 | 553 | 525 | 555 | — | — |
| 1989 | 562 | 578 | 564 | 575 | 561 | 572 | 565 | 502 | 564 | — | — |
| 1990 | 553 | 571 | 562 | 572 | 542 | 578 | 558 | 534 | 536 | 548 | — |
| 1991 | 549 | 555 | 556 | 580 | 545 | 541 | 574 | 523 | — | 552 | — |
| 1992 | 535 | 551 | 560 | 570 | 533 | 562 | 534 | 522 | — | — | — |
| 1993 | 539 | 556 | 570 | 612 | 539 | 573 | 543 | 531 | 576 | 539 | — |
| 1994 | 524 | 549 | 544 | 578 | 518 | 560 | 541 | 521 | 554 | — | — |
| 1995 | 541 | 551 | 561 | 574 | 546 | 551 | 549 | 533 | 557 | 553 | — |
| 1996 | 568 | 581 | 561 | 584 | 556 | 591 | 571 | 551 | 589 | 568 | — |
| 1997 | 563 | 556 | 548 | 539 | 551 | 539 | 569 | 533 | — | 555 | — |
| 1998 | 531 | 552 | 523 | 550 | 518 | 549 | 546 | 511 | — | 541 | — |
| 1999 | 538 | 542 | 551 | 578 | 537 | 555 | 548 | 533 | — | 539 | — |
| 2000 | 551 | 563 | 551 | 580 | 546 | 592 | 557 | 549 | — | 560 | — |
| 2001 | 560 | 574 | 552 | 564 | 557 | 591 | 568 | 563 | 581 | 548 | — |
| 2002 | 558 | 587 | 554 | 576 | 554 | 580 | 569 | 526 | 586 | 546 | — |
| 2003 | 547 | 567 | 569 | 583 | 534 | 565 | 561 | 536 | 556 | 538 | — |
| 2004 | 537 | 576 | 550 | 568 | 541 | 583 | 562 | 543 | — | — | — |
| 2005 | 532 | 541 | 527 | 524 | 539 | 565 | 545 | 532 | — | — | — |
| 2006 | 527 | 541 | 523 | 549 | 535 | 545 | 544 | 524 | — | — | — |
| 2007 | 541 | 549 | 540 | 548 | 546 | 549 | 554 | 558 | — | — | — |
| 2008 | 536 | 552 | 529 | 547 | 518 | 583 | 536 | 552 | 561 | — | — |
| 2009 | 543 | 543 | 545 | 539 | 550 | 576 | 563 | 545 | 571 | — | — |
| 2010 | 534 | 548 | 524 | 552 | 533 | 563 | 544 | 516 | 574 | — | — |
| 2011 | 554 | 551 | 556 | 572 | 544 | 572 | 561 | 541 | 561 | — | 583 |
| 2012 | 541 | 556 | 555 | 561 | 542 | 558 | 545 | 528 | 559 | — | 601 |
| 2013 | 538 | 558 | 548 | 566 | 547 | 564 | 539 | 529 | 552 | — | — |
| 2014 | 536 | 556 | 535 | 545 | 527 | 566 | 532 | 474 | 542 | 535 | 553 |
| 1985–2013 Avg. | 546 | 561 | 550 | 567 | 544 | 569 | 555 | 534 | 565 | 549 | — |

Note: Lengths are measured in mm from mid eye to tail fork (METF).

Table 39.—Kodiak Management Area commercial salmon harvest by species and year, 1970 through 2014.

| Year | Species | | | | | Total |
|-------------------|---------|-----------|---------|------------|-----------|------------|
| | Chinook | Sockeye | Coho | Pink | Chum | |
| 1970 | 1,089 | 917,047 | 66,424 | 12,036,598 | 919,972 | 13,941,130 |
| 1971 | 920 | 478,479 | 22,844 | 4,334,492 | 1,541,444 | 6,378,183 |
| 1972 | 1,300 | 222,408 | 16,587 | 2,478,064 | 1,163,426 | 3,881,785 |
| 1973 | 800 | 167,341 | 3,573 | 511,708 | 317,921 | 1,001,343 |
| 1974 | 545 | 418,761 | 13,631 | 2,647,244 | 249,294 | 3,329,475 |
| 1975 | 101 | 136,418 | 23,659 | 2,942,801 | 84,431 | 3,187,410 |
| 1976 | 766 | 641,484 | 23,714 | 11,077,992 | 740,495 | 12,484,451 |
| 1977 | 585 | 623,468 | 27,920 | 6,252,405 | 1,072,313 | 7,976,691 |
| 1978 | 3,228 | 1,071,782 | 48,795 | 15,004,065 | 814,345 | 16,942,215 |
| 1979 | 1,907 | 630,756 | 140,629 | 11,285,809 | 358,336 | 12,417,437 |
| 1980 | 529 | 651,394 | 139,154 | 17,290,615 | 1,075,557 | 19,157,249 |
| 1981 | 1,418 | 1,288,980 | 121,544 | 10,336,829 | 1,345,328 | 13,094,099 |
| 1982 | 1,214 | 1,203,787 | 344,823 | 8,089,780 | 1,262,587 | 10,902,191 |
| 1983 | 3,839 | 1,231,989 | 157,612 | 4,603,371 | 1,085,165 | 7,081,976 |
| 1984 | 4,657 | 1,950,639 | 229,524 | 10,844,293 | 649,092 | 13,678,205 |
| 1985 | 4,970 | 1,842,731 | 284,166 | 7,334,825 | 430,757 | 9,897,449 |
| 1986 | 4,381 | 3,188,046 | 168,690 | 11,807,727 | 1,134,372 | 16,303,216 |
| 1987 | 4,613 | 1,794,773 | 192,540 | 5,075,101 | 682,023 | 7,749,050 |
| 1988 | 22,374 | 2,699,014 | 303,298 | 14,559,038 | 1,426,410 | 19,010,134 |
| 1989 ^a | 106 | 1,289,511 | 2,599 | 183,235 | 19,972 | 1,495,423 |
| 1990 | 18,808 | 5,248,400 | 293,819 | 5,983,812 | 577,750 | 12,122,589 |
| 1991 | 22,234 | 5,704,100 | 324,860 | 16,642,841 | 1,029,071 | 23,723,106 |
| 1992 | 24,299 | 4,167,871 | 280,085 | 3,310,644 | 679,559 | 8,462,458 |
| 1993 | 41,029 | 4,378,886 | 313,467 | 34,019,420 | 588,331 | 39,341,133 |
| 1994 | 22,576 | 2,877,999 | 296,311 | 8,162,564 | 738,856 | 12,098,306 |
| 1995 | 18,704 | 4,488,502 | 307,795 | 42,849,309 | 1,522,810 | 49,187,120 |
| 1996 | 13,071 | 4,970,362 | 201,836 | 3,486,930 | 543,751 | 9,215,950 |
| 1997 | 18,735 | 2,506,427 | 381,099 | 11,035,134 | 520,331 | 14,461,726 |
| 1998 | 17,349 | 3,623,712 | 425,152 | 22,062,465 | 316,115 | 26,444,793 |
| 1999 | 18,299 | 4,653,057 | 296,979 | 11,898,382 | 913,867 | 17,780,584 |
| 2000 | 12,293 | 2,906,441 | 333,052 | 9,927,397 | 1,194,448 | 14,373,631 |
| 2001 | 23,843 | 2,659,637 | 409,193 | 19,567,163 | 1,053,763 | 23,713,599 |
| 2002 | 19,320 | 1,831,014 | 503,615 | 18,328,638 | 650,178 | 21,332,765 |
| 2003 | 18,603 | 4,053,847 | 351,767 | 14,067,235 | 1,151,885 | 19,643,337 |
| 2004 | 28,907 | 4,169,565 | 490,161 | 21,440,905 | 1,121,873 | 27,251,411 |
| 2005 | 14,465 | 3,052,048 | 396,841 | 30,143,647 | 477,435 | 34,084,436 |
| 2006 | 20,383 | 1,585,630 | 556,310 | 31,694,492 | 1,082,132 | 34,938,947 |
| 2007 | 17,248 | 2,014,141 | 356,583 | 24,811,459 | 728,920 | 27,928,351 |
| 2008 | 17,252 | 1,821,629 | 301,460 | 8,788,476 | 908,030 | 11,836,847 |
| 2009 | 7,268 | 1,727,776 | 291,470 | 27,649,826 | 955,814 | 30,632,154 |
| 2010 | 14,710 | 1,439,535 | 269,407 | 8,871,063 | 734,901 | 11,329,616 |
| 2011 | 18,615 | 2,269,302 | 190,483 | 16,648,792 | 824,562 | 19,951,754 |
| 2012 | 14,980 | 2,237,903 | 210,350 | 16,874,583 | 866,376 | 20,204,192 |
| 2013 | 34,620 | 2,577,209 | 269,921 | 28,197,885 | 795,123 | 31,874,758 |
| 2014 | 8,571 | 3,266,317 | 474,265 | 10,677,933 | 336,590 | 14,763,676 |
| Average | | | | | | |
| 2009–2013 | 18,039 | 2,050,345 | 246,326 | 19,648,430 | 835,355 | 22,798,495 |
| 2004–2013 | 18,845 | 2,289,474 | 333,299 | 21,512,113 | 849,517 | 25,003,247 |

Note: Catch numbers include personal use with commercial gear and ADF&G test fisheries.

^a Actual harvest numbers for 1989 are shown above. For the projected harvest if the Exxon Valdez oil spill had not eliminated a major portion of the commercial fishery consult Barrett et al. 1990.

Table 40.—Commercial salmon catch numbers by species, district, and section, Kodiak Management Area, 2014.

| District | Section | Species | | | | | | | | | |
|---|----------------------------------|--------------|---------------|------------------|------------------|----------------|------------------|------------------|-------------------|----------------|----------------|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chum | |
| | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds |
| Afognak District | | | | | | | | | | | |
| S.W. Afognak & Raspberry Straits sections | | | | | | | | | | | |
| (251-10,11,12,20) | Personal use of commercial catch | 174 | 1,933 | 172,339 | 886,968 | 22,109 | 175,170 | 295,456 | 992,505 | 18,899 | 145,612 |
| | | 2 | 22 | 144 | 739 | 92 | 746 | 0 | 0 | 0 | 0 |
| N.W. Afognak Section | | | | | | | | | | | |
| (251-30,40,41,50) | Personal use of commercial catch | 17 | 188 | 72,279 | 364,668 | 3,992 | 27,117 | 163,799 | 549,215 | 8,023 | 63,272 |
| | | 3 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shuyak Island Section | | | | | | | | | | | |
| (251-60,70,81) | | 15 | 107 | 131 | 796 | 80 | 1,082 | 7,741 | 28,153 | 165 | 1,416 |
| Perenosa & Pauls Bays sections combined | | | | | | | | | | | |
| (251-82,83,84,85) | Personal use of commercial catch | 1 | 9 | 2,639 | 12,888 | 5,215 | 50,687 | 37,507 | 122,683 | 1,068 | 9,977 |
| | | 0 | 0 | 0 | 0 | 163 | 815 | 0 | 0 | 0 | 0 |
| N.E. Afognak Section | | | | | | | | | | | |
| (251-90, 252-10,20) | Personal use of commercial catch | 363 | 1,217 | 4,917 | 23,509 | 3,740 | 24,110 | 482,518 | 1,442,543 | 5,279 | 34,881 |
| | | 3 | 21 | 0 | 0 | 50 | 250 | 0 | 0 | 0 | 0 |
| Duck, Izhut, & Kitoi Bays sections combined | | | | | | | | | | | |
| (252-30,31,32,35) | Personal use of commercial catch | 281 | 2,240 | 93,249 | 463,893 | 231,987 | 1,806,064 | 5,779,592 | 20,950,717 | 45,589 | 311,210 |
| | | 17 | 88 | 225 | 1,119 | 1,166 | 6,105 | 2,621 | 8,125 | 7 | 47 |
| S.E. Afognak | | | | | | | | | | | |
| (252-33,34) | Personal use of commercial catch | 8 | 68 | 14,425 | 63,763 | 1,733 | 11,298 | 413,946 | 1,561,086 | 1,712 | 12,130 |
| | | 2 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal | | 859 | 5,762 | 359,979 | 1,816,485 | 268,856 | 2,095,528 | 7,180,559 | 25,646,902 | 80,735 | 578,498 |
| Northwest Kodiak District | | | | | | | | | | | |
| Uganik, Terror, Viekoda, & Kupreanof areas combined | | | | | | | | | | | |
| (253-11,12,13,14,31-35) | Personal use of commercial catch | 720 | 6,843 | 484,566 | 2,682,042 | 49,403 | 388,256 | 614,691 | 2,149,871 | 47,006 | 349,267 |
| | | 82 | 636 | 675 | 3,401 | 451 | 2,359 | 344 | 1,062 | 2 | 14 |
| Uyak, Spiridon, & Zachar, areas combined | | | | | | | | | | | |
| (254-10,20,21,30,31,40,41) | Personal use of commercial catch | 1,795 | 13,296 | 524,314 | 2,861,787 | 27,297 | 225,894 | 386,416 | 1,381,515 | 49,044 | 412,942 |
| | | 8 | 61 | 257 | 1,277 | 0 | 0 | 0 | 0 | 0 | 0 |
| Telrod Cove (Sha) | | | | | | | | | | | |
| (254-50) | Personal use of commercial catch | 0 | 0 | 105,164 | 524,018 | 110 | 1,100 | 15,592 | 57,529 | 920 | 6,762 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Cape, Anton Larsen, Sheratin, & Kizhuyak areas combined | | | | | | | | | | | |
| (259-30,31,32,33,34,35,36,37,38,39) | Personal use of commercial catch | 191 | 1,593 | 45,294 | 237,955 | 14,758 | 96,537 | 370,947 | 1,350,637 | 27,111 | 199,004 |
| | | 1 | 7 | 223 | 1,113 | 15 | 75 | 0 | 0 | 0 | 0 |
| Subtotal | | 2,706 | 21,732 | 1,159,338 | 6,305,802 | 91,568 | 711,787 | 1,387,646 | 4,939,552 | 124,081 | 967,975 |

-continued-

Table 40.–Page 2 of 3.

| District | Section | Species | | | | | | | | | | |
|---|----------------------------------|---------|--------|-----------|-----------|--------|---------|---------|-----------|--------|---------|--|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chum | | |
| | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | |
| Southwest Kodiak District | | | | | | | | | | | | |
| Inner And Outer Karluk section | | 1,623 | 9,659 | 710,081 | 3,607,227 | 56,050 | 455,034 | 342,314 | 1,143,381 | 11,895 | 93,463 | |
| (255-10, 20) | Personal use of commercial catch | 1 | 15 | 1,080 | 5,394 | 282 | 1,410 | 0 | 0 | 0 | 0 | |
| Sturgeon section | | 53 | 292 | 7,796 | 38,307 | 1,287 | 10,872 | 27,085 | 104,985 | 217 | 1,803 | |
| (256-40) | Personal use of commercial catch | 0 | 0 | 209 | 1,045 | 0 | 0 | 0 | 0 | 0 | 0 | |
| halibut bay section | | 397 | 2,521 | 118,841 | 578,569 | 9,889 | 77,993 | 287,023 | 939,519 | 2,620 | 20,387 | |
| (256-25,30) | Personal use of commercial catch | 0 | 0 | 325 | 1,545 | 0 | 0 | 0 | 0 | 0 | 0 | |
| inner & outer Ayakulik sections | | 85 | 625 | 292,426 | 1,453,715 | 2,937 | 21,378 | 280,396 | 937,656 | 3,616 | 27,106 | |
| (256-10,15,20) | Personal use of commercial catch | 4 | 25 | 15 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Subtotal | | 2,158 | 13,097 | 1,129,144 | 5,677,818 | 70,163 | 565,277 | 936,818 | 3,125,541 | 18,348 | 142,759 | |
| Alitak District | | | | | | | | | | | | |
| Cape Alitak And Humpy-Deadman sections | | 191 | 2,093 | 121,505 | 637,670 | 3,060 | 23,953 | 599,243 | 1,860,793 | 8,947 | 69,058 | |
| (257-10,20,50,60,70) | Personal use of commercial catch | 6 | 80 | 70 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Alitak Bay, Moser Bay, Olga Bay, And Outer Upper Station sections | | 9 | 54 | 133,095 | 680,371 | 1,209 | 10,371 | 62,616 | 234,550 | 4,663 | 38,395 | |
| (257-30,40,41,42,43) | Personal use of commercial catch | 0 | 0 | 13 | 65 | 9 | 45 | 70 | 213 | 9 | 58 | |
| Subtotal | | 200 | 2,147 | 254,600 | 1,318,041 | 4,269 | 34,324 | 661,859 | 2,095,343 | 13,610 | 107,453 | |
| Eastside Kodiak District | | | | | | | | | | | | |
| Seven Rivers section | | 145 | 1,125 | 9,427 | 48,424 | 2,008 | 12,913 | 208,828 | 642,904 | 7,187 | 53,534 | |
| (258-70,80,83,85,90) | Personal use of commercial catch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Two-Headed Section | | 334 | 2,091 | 19,896 | 104,790 | 3,079 | 21,286 | 13,725 | 42,210 | 6,593 | 51,647 | |
| (258-54,55,60) | Personal use of commercial catch | 0 | 0 | 50 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Sitkalidak section | | 1,356 | 9,186 | 71,601 | 380,807 | 17,182 | 112,282 | 97,100 | 311,488 | 47,918 | 361,197 | |
| (258-10,20,30,40,51,52,53) | Personal use of commercial catch | 43 | 436 | 70 | 440 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Inner & outer Ugak | | 337 | 2,859 | 14,237 | 76,522 | 1,811 | 12,070 | 5,202 | 16,846 | 7,214 | 48,585 | |
| (259-40,41,42,43,44,45,46) | Personal use of commercial catch | 15 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Subtotal | | 2,172 | 15,261 | 115,161 | 610,543 | 24,080 | 158,551 | 324,855 | 1,013,448 | 68,912 | 514,963 | |

-continued-

Table 40.–Page 3 of 3.

| District | Section | Species | | | | | | | | | | | |
|---|---------|----------------------------|--------|---------|-----------|------------|---------|-----------|------------|------------|---------|-----------|--|
| | | Chinook | | Sockeye | | Coho | | Pink | | Chum | | | |
| | | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | Number | Pounds | | |
| Northeast Kodiak District | | | | | | | | | | | | | |
| Monashka Millbay section | | (259-10) | 0 | 0 | 34 | 166 | 92 | 799 | 22,391 | 67,809 | 25 | 210 | |
| Personal use of commercial catch | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Buskin River and inner and outer Chiniak Bay sections | | (259-21,22,23,24,25,26,27) | 53 | 344 | 1,746 | 8,179 | 691 | 4,275 | 8,964 | 28,406 | 5,705 | 41,509 | |
| Personal use of commercial catch | | | 1 | 8 | 15 | 75 | 2 | 10 | 0 | 0 | 0 | 0 | |
| Subtotal | | | 53 | 344 | 1,780 | 8,345 | 783 | 5,074 | 31,355 | 96,215 | 5,730 | 41,719 | |
| Mainland District | | | | | | | | | | | | | |
| Big river section | | (262-10,15) | 0 | 0 | 2,635 | 13,390 | 709 | 5,106 | 21,980 | 72,951 | 781 | 5,726 | |
| Personal use of commercial catch | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Halibut Bay section | | (262-20) | 0 | 0 | 185 | 1,111 | 12 | 90 | 726 | 2,396 | 245 | 2,110 | |
| Personal use of commercial catch | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Inner and outer Kukak Bay sections | | (262-25,27,30) | 2 | 36 | 5,655 | 30,177 | 162 | 1,075 | 2,484 | 9,105 | 813 | 5,596 | |
| 09 | | | | | | | | | | | | | |
| Dakavak Bay section | | (262-35,40,45,50,55) | 325 | 3,397 | 180,612 | 925,008 | 10,409 | 65,623 | 100,934 | 330,231 | 14,099 | 107,822 | |
| Personal use of commercial catch | | | 1 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Katmai section | | (262-60) | 57 | 709 | 52,860 | 321,474 | 2,337 | 17,380 | 20,004 | 69,176 | 2,524 | 20,395 | |
| Personal use of commercial catch | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Alinchak Bay section | | (262-65,70) | 5 | 28 | 1,891 | 9,185 | 77 | 585 | 1,517 | 4,888 | 4,763 | 42,332 | |
| Personal use of commercial catch | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Cape Igvak and Wide Bay sections | | (262-75,80,85,90,95) | 34 | 297 | 2,477 | 14,985 | 840 | 6,497 | 7,196 | 25,227 | 1,949 | 18,324 | |
| Personal use of commercial catch | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Subtotal | | | 423 | 4,467 | 246,315 | 1,315,330 | 14,546 | 96,356 | 154,841 | 513,974 | 25,174 | 202,305 | |
| Total excluding personal use | | | 8,382 | 61,179 | 3,262,946 | 17,035,526 | 472,035 | 3,655,082 | 10,674,898 | 37,421,575 | 336,572 | 2,555,553 | |
| Personal use of commercial catch | | | 189 | 1,631 | 3,371 | 16,838 | 2,230 | 11,815 | 3,035 | 9,400 | 18 | 119 | |
| Grand total | | | 8,571 | 62,810 | 3,266,317 | 17,052,364 | 474,265 | 3,666,897 | 10,677,933 | 37,430,975 | 336,590 | 2,555,672 | |

Note: Catch numbers include personal use with commercial gear and ADF&G test fisheries.

Table 41.—Estimated age composition of commercial sockeye salmon catches by sample area, Kodiak Management Area, 2014.

| District | Catch area | Sample size | Age | | | | | | | | | | Total |
|----------------------------------|-------------------------------------|-------------|---------|-------|---------|--------|---------|-----------|---------|--------|--------------------|--------|-----------|
| | | | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 3.3 | Other ^a | | |
| Northwest Kodiak District | | | | | | | | | | | | | |
| | Uganik-Viekoda-Kupreanof | 3,944 | Percent | 0.4 | 13.9 | 0.1 | 17.1 | 54.2 | 12.3 | 1.2 | 0.6 | 0.2 | 100.0 |
| | | | Numbers | 1,696 | 67,588 | 628 | 82,797 | 262,517 | 59,398 | 6,008 | 2,723 | 1,210 | 484,566 |
| | Uyak Bay | 4,324 | Percent | 0.4 | 12.7 | 0.5 | 17.8 | 51.8 | 14.5 | 1.4 | 0.5 | 0.4 | 100.0 |
| | | | Numbers | 2,054 | 66,757 | 2,768 | 93,326 | 271,475 | 75,942 | 7,356 | 2,656 | 1,981 | 524,314 |
| Southwest Kodiak District | | | | | | | | | | | | | |
| | Inner and Outer Karluk ^b | 1,566 | Percent | 0.1 | 6.3 | 2.4 | 2.5 | 76.0 | 7.5 | 3.6 | 0.4 | 1.3 | 100.0 |
| | | | Numbers | 606 | 45,041 | 16,907 | 17,819 | 545,388 | 53,959 | 25,876 | 2,768 | 9,513 | 717,877 |
| | Ayakulik-Halibut Bay | 3,009 | Percent | 0.2 | 38.3 | 2.8 | 13.4 | 37.8 | 6.3 | 0.2 | 0.0 | 1.1 | 100.0 |
| | | | Numbers | 634 | 157,537 | 11,334 | 55,221 | 155,451 | 26,044 | 652 | 0 | 4,393 | 411,267 |
| Alitak Bay District | | | | | | | | | | | | | |
| | Moser-Olga-Alitak (gillnet) | 1,407 | Percent | 0.0 | 3.2 | 0.9 | 3.7 | 77.1 | 14.8 | 0.1 | 0.0 | 0.2 | 100.0 |
| | | | Numbers | 49 | 4,238 | 1,154 | 4,919 | 102,614 | 19,670 | 146 | 0 | 304 | 133,095 |
| | Alitak Bay (seine) | 1,241 | Percent | 0.4 | 6.0 | 0.4 | 15.5 | 62.0 | 15.2 | 0.0 | 0.0 | 0.5 | 100.0 |
| | | | Numbers | 446 | 7,263 | 530 | 18,831 | 75,394 | 18,491 | 0 | 0 | 551 | 121,505 |
| | Total | 15,491 | Percent | 0.2 | 14.6 | 1.4 | 11.4 | 59.0 | 10.6 | 1.7 | 0.3 | 0.8 | 100.0 |
| | | | Number | 5,486 | 348,423 | 33,321 | 272,914 | 1,412,838 | 253,505 | 40,038 | 8,147 | 17,952 | 2,392,624 |

^a The “Other” age class listed in the table above consists of age-0.1, -0.2, -1.1, -0.4, -3.1, -1.4, -2.4.

^b Includes Kodiak Salmon Test Fishery catch.

Table 42.—Estimated age composition of Uganik-Viekoda-Kupreanof (253-11, 12, 13, 14, 31, 32, 33, 34, 35) commercial sockeye salmon catch by week, 2014.

| Statistical week | Sample size | Age | | | | | | | | | | | Total | |
|--------------------|-------------|---------|-----|-------|--------|--------|-----|-----|---------|--------|-----|-------|-------|---------|
| | | 0.2 | 0.3 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.2 | 3.3 | | |
| 23 5/31–6/6 | 0 | Percent | 0.0 | 0.3 | 15.2 | 25.6 | 0.0 | 0.5 | 32.0 | 23.2 | 0.5 | 1.1 | 1.6 | 100.0 |
| | | Numbers | 0 | 25 | 1,422 | 2,394 | 0 | 50 | 2,993 | 2,170 | 50 | 100 | 150 | 9,352 |
| 24 6/7–6/13 | 375 | Percent | 0.1 | 0.3 | 15.2 | 26.1 | 0.0 | 0.5 | 31.1 | 23.5 | 0.5 | 1.2 | 1.4 | 100.0 |
| | | Numbers | 21 | 114 | 5,282 | 9,065 | 0 | 186 | 10,831 | 8,155 | 186 | 403 | 506 | 34,749 |
| 25 6/14–6/20 | 362 | Percent | 0.4 | 0.7 | 15.5 | 30.0 | 0.0 | 0.6 | 25.4 | 24.6 | 0.5 | 1.7 | 0.5 | 100.0 |
| | | Numbers | 78 | 127 | 2,747 | 5,298 | 4 | 97 | 4,500 | 4,334 | 94 | 301 | 82 | 17,661 |
| 26 6/21–6/27 | 353 | Percent | 0.1 | 0.4 | 20.6 | 35.0 | 0.2 | 0.5 | 27.0 | 14.9 | 0.3 | 0.5 | 0.5 | 100.0 |
| | | Numbers | 22 | 77 | 3,677 | 6,223 | 39 | 89 | 4,804 | 2,611 | 50 | 78 | 84 | 17,755 |
| 27 6/28–7/4 | 366 | Percent | 0.4 | 0.9 | 28.6 | 32.8 | 0.1 | 0.1 | 28.4 | 8.4 | 0.1 | 0.1 | 0.2 | 100.0 |
| | | Numbers | 86 | 191 | 6,024 | 6,800 | 10 | 19 | 5,904 | 1,710 | 10 | 14 | 43 | 20,810 |
| 28 7/5–7/11 | 367 | Percent | 0.1 | 0.6 | 31.1 | 34.1 | 0.0 | 0.0 | 25.8 | 6.9 | 0.0 | 0.3 | 1.1 | 100.0 |
| | | Numbers | 37 | 177 | 9,143 | 10,021 | 5 | 5 | 7,538 | 2,011 | 0 | 81 | 308 | 29,327 |
| 29 7/12–7/18 | 369 | Percent | 0.4 | 0.1 | 33.5 | 35.4 | 0.2 | 0.2 | 22.0 | 6.9 | 0.0 | 0.9 | 0.2 | 100.0 |
| | | Numbers | 158 | 46 | 11,909 | 12,573 | 79 | 79 | 7,811 | 2,455 | 0 | 333 | 72 | 35,516 |
| 30 7/19–7/25 | 369 | Percent | 0.1 | 1.4 | 29.5 | 36.6 | 0.1 | 0.1 | 21.3 | 10.5 | 0.0 | 0.4 | 0.0 | 100.0 |
| | | Numbers | 49 | 561 | 12,928 | 15,862 | 31 | 28 | 9,260 | 4,491 | 4 | 191 | 4 | 43,408 |
| 31 7/26–8/1 | 357 | Percent | 0.0 | 1.6 | 20.9 | 41.2 | 0.4 | 0.2 | 19.9 | 15.1 | 0.2 | 0.3 | 0.2 | 100.0 |
| | | Numbers | 0 | 346 | 4,538 | 8,683 | 90 | 45 | 4,243 | 3,150 | 45 | 63 | 45 | 21,247 |
| 32 8/2–8/8 | 358 | Percent | 0.0 | 0.3 | 15.5 | 23.0 | 0.1 | 0.1 | 39.4 | 20.6 | 0.1 | 1.0 | 0.1 | 100.0 |
| | | Numbers | 0 | 33 | 1,489 | 2,213 | 11 | 6 | 3,784 | 1,979 | 6 | 92 | 6 | 9,618 |
| 33 8/9–8/15 | 333 | Percent | 0.0 | 0.0 | 13.9 | 21.4 | 0.2 | 0.2 | 50.4 | 12.2 | 0.2 | 1.4 | 0.2 | 100.0 |
| | | Numbers | 0 | 0 | 952 | 1,463 | 13 | 13 | 3,455 | 851 | 13 | 94 | 13 | 6,869 |
| 35 8/23–8/29 | 335 | Percent | 0.0 | 0.0 | 3.2 | 1.1 | 0.0 | 0.0 | 82.6 | 10.7 | 0.0 | 1.8 | 0.6 | 100.0 |
| | | Numbers | 0 | 0 | 4,135 | 1,534 | 10 | 10 | 104,163 | 13,451 | 10 | 2,252 | 744 | 126,310 |
| 36–39 8/30–9/26 | 0 | Percent | 0.0 | 0.0 | 3.0 | 0.6 | 0.0 | 0.0 | 83.3 | 10.7 | 0.0 | 1.8 | 0.6 | 100.0 |
| | | Numbers | 0 | 0 | 3,342 | 668 | 0 | 0 | 93,231 | 12,030 | 0 | 2,005 | 668 | 111,944 |
| Total | 3,944 | Percent | 0.1 | 0.4 | 13.9 | 17.1 | 0.1 | 0.1 | 54.2 | 12.3 | 0.1 | 1.2 | 0.6 | 100.0 |
| | | Numbers | 450 | 1,696 | 67,588 | 82,797 | 292 | 628 | 262,517 | 59,398 | 467 | 6,008 | 2,723 | 484,566 |

Table 43.—Estimated age composition of Uyak Bay (254-10, 20, 21, 30, 31, 40, 41) commercial sockeye salmon catch by week, 2014.

| Statistical week | Sample size | | Age | | | | | | | | | | | Total | |
|--------------------|-------------|---------|-----|-------|-----|--------|--------|-----|-------|---------|--------|-----|-------|-------|---------|
| | | | 0.2 | 0.3 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.2 | 3.3 | |
| 23 5/31–6/6 | 357 | Percent | 0.0 | 1.8 | 0.0 | 11.8 | 24.4 | 0.0 | 0.2 | 23.2 | 35.2 | 0.0 | 1.1 | 2.2 | 100.0 |
| | | Numbers | 0 | 112 | 0 | 731 | 1,507 | 2 | 11 | 1,433 | 2,171 | 0 | 68 | 136 | 6,172 |
| 24 6/7–6/13 | 359 | Percent | 0.0 | 0.4 | 0.0 | 12.8 | 22.7 | 0.4 | 1.8 | 23.3 | 35.9 | 0.0 | 0.9 | 1.7 | 100.0 |
| | | Numbers | 0 | 214 | 0 | 6,362 | 11,270 | 222 | 918 | 11,586 | 17,938 | 9 | 427 | 872 | 49,817 |
| 25 6/14–6/20 | 357 | Percent | 0.0 | 0.4 | 0.0 | 14.7 | 27.4 | 0.6 | 0.7 | 26.6 | 27.8 | 0.2 | 0.4 | 1.3 | 100.0 |
| | | Numbers | 0 | 102 | 0 | 4,001 | 7,411 | 154 | 232 | 7,233 | 7,855 | 51 | 128 | 359 | 27,528 |
| 26 6/21–6/27 | 359 | Percent | 0.3 | 1.4 | 0.0 | 21.1 | 42.3 | 0.1 | 0.0 | 20.4 | 13.6 | 0.0 | 0.1 | 0.7 | 100.0 |
| | | Numbers | 60 | 263 | 0 | 3,928 | 7,879 | 26 | 0 | 3,882 | 2,622 | 9 | 17 | 142 | 18,829 |
| 27 6/28–7/4 | 355 | Percent | 0.7 | 1.3 | 0.1 | 25.5 | 38.0 | 0.2 | 0.3 | 19.6 | 14.0 | 0.0 | 0.3 | 0.0 | 100.0 |
| | | Numbers | 231 | 448 | 17 | 8,833 | 13,114 | 75 | 83 | 6,809 | 4,866 | 0 | 92 | 15 | 34,583 |
| 28 7/5–7/11 | 363 | Percent | 0.1 | 1.8 | 0.2 | 26.8 | 41.7 | 0.1 | 1.1 | 15.4 | 12.5 | 0.0 | 0.3 | 0.0 | 100.0 |
| | | Numbers | 27 | 500 | 64 | 7,798 | 12,071 | 15 | 321 | 4,327 | 3,511 | 0 | 70 | 9 | 28,713 |
| 29 7/12–7/18 | 366 | Percent | 0.2 | 0.8 | 0.1 | 31.7 | 42.8 | 0.2 | 0.2 | 13.4 | 10.3 | 0.0 | 0.1 | 0.2 | 100.0 |
| | | Numbers | 75 | 232 | 36 | 9,322 | 12,613 | 65 | 57 | 3,943 | 3,036 | 0 | 26 | 65 | 29,468 |
| 30 7/19–7/25 | 375 | Percent | 0.2 | 0.0 | 0.7 | 25.4 | 39.5 | 0.1 | 0.7 | 18.4 | 14.4 | 0.0 | 0.5 | 0.1 | 100.0 |
| | | Numbers | 77 | 6 | 226 | 8,624 | 13,485 | 30 | 240 | 6,276 | 4,924 | 0 | 179 | 16 | 34,083 |
| 31 7/26–8/1 | 361 | Percent | 0.1 | 0.1 | 0.0 | 21.6 | 21.5 | 0.4 | 0.3 | 36.0 | 18.9 | 0.0 | 0.7 | 0.4 | 100.0 |
| | | Numbers | 22 | 37 | 11 | 7,632 | 7,602 | 155 | 107 | 13,125 | 6,827 | 0 | 254 | 151 | 35,923 |
| 32 8/2–8/8 | 359 | Percent | 0.2 | 0.5 | 0.1 | 10.0 | 8.7 | 0.1 | 0.3 | 56.4 | 21.5 | 0.0 | 1.3 | 1.0 | 100.0 |
| | | Numbers | 68 | 136 | 15 | 2,813 | 2,419 | 16 | 84 | 15,896 | 6,197 | 0 | 376 | 278 | 28,298 |
| 33 8/9–8/15 | 365 | Percent | 0.0 | 0.0 | 0.7 | 14.0 | 15.1 | 0.2 | 0.5 | 57.9 | 9.9 | 0.0 | 1.4 | 0.1 | 100.0 |
| | | Numbers | 2 | 5 | 158 | 2,995 | 3,227 | 53 | 112 | 12,360 | 2,122 | 0 | 308 | 13 | 21,353 |
| 35 8/23–8/29 | 348 | Percent | 0.0 | 0.0 | 0.0 | 1.9 | 0.5 | 0.0 | 0.3 | 87.8 | 6.6 | 0.0 | 2.6 | 0.3 | 100.0 |
| | | Numbers | 0 | 0 | 6 | 1,313 | 329 | 2 | 203 | 61,572 | 4,655 | 0 | 1,803 | 199 | 70,084 |
| 36–39 8/30–9/26 | 0 | Percent | 0.0 | 0.0 | 0.0 | 1.7 | 0.3 | 0.0 | 0.3 | 88.2 | 6.6 | 0.0 | 2.6 | 0.3 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 2,405 | 401 | 0 | 401 | 123,032 | 9,217 | 0 | 3,607 | 401 | 139,463 |
| Total | 4,324 | Percent | 0.1 | 0.4 | 0.1 | 12.7 | 17.8 | 0.2 | 0.5 | 51.8 | 14.5 | 0.0 | 1.4 | 0.5 | 100.0 |
| | | Numbers | 562 | 2,054 | 533 | 66,757 | 93,326 | 817 | 2,768 | 271,475 | 75,942 | 69 | 7,356 | 2,656 | 524,314 |

Table 44.—Estimated age composition of Inner and Outer Ayakulik and Halibut Bay sections (256-10, 15, 20, 25, 30) commercial sockeye salmon catch, 2014.

| Statistical week | Sample size | | Age | | | | | | | | | | | | Total |
|--------------------|-------------|---------|-----|-----|-----|-------|---------|--------|-----|--------|---------|--------|-----|-----|---------|
| | | | 0.1 | 0.2 | 0.3 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 3.1 | 3.2 | |
| 23 5/31–6/6 | 361 | Percent | 0.0 | 0.0 | 0.0 | 0.0 | 68.7 | 10.5 | 0.0 | 1.1 | 15.0 | 4.4 | 0.0 | 0.3 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 0 | 20,510 | 3,143 | 0 | 331 | 4,466 | 1,323 | 0 | 83 | 29,856 |
| 24 6/7–6/13 | 693 | Percent | 0.1 | 0.2 | 0.2 | 0.3 | 60.4 | 10.1 | 0.0 | 1.9 | 21.7 | 4.7 | 0.0 | 0.3 | 100.0 |
| | | Numbers | 67 | 134 | 202 | 265 | 50,389 | 8,391 | 0 | 1,581 | 17,958 | 3,932 | 0 | 280 | 83,199 |
| 25 6/14–6/20 | 65 | Percent | 0.0 | 0.0 | 0.0 | 1.5 | 74.6 | 6.3 | 0.0 | 3.0 | 12.8 | 1.7 | 0.0 | 0.0 | 100.0 |
| | | Numbers | 1 | 2 | 3 | 213 | 10,734 | 924 | 0 | 438 | 1,897 | 253 | 0 | 3 | 14,469 |
| 26 6/21–6/27 | 173 | Percent | 0.0 | 0.0 | 0.5 | 0.2 | 50.8 | 14.5 | 0.0 | 1.4 | 23.9 | 8.8 | 0.0 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 177 | 74 | 18,162 | 5,081 | 0 | 503 | 8,391 | 3,087 | 0 | 0 | 35,475 |
| 29 7/12–7/18 | 168 | Percent | 0.0 | 0.0 | 0.0 | 1.6 | 28.1 | 17.2 | 0.5 | 5.4 | 39.4 | 7.8 | 0.0 | 0.0 | 100.0 |
| | | Numbers | 0 | 15 | 36 | 1,887 | 33,350 | 19,776 | 644 | 6,447 | 45,868 | 9,210 | 0 | 15 | 117,248 |
| 30 7/19–7/25 | 701 | Percent | 0.0 | 0.3 | 0.1 | 0.1 | 26.3 | 21.6 | 0.3 | 1.7 | 41.4 | 8.0 | 0.0 | 0.3 | 100.0 |
| | | Numbers | 0 | 156 | 35 | 63 | 15,411 | 12,620 | 165 | 1,014 | 23,880 | 4,618 | 0 | 156 | 58,117 |
| 31 7/26–8/1 | 352 | Percent | 0.0 | 0.3 | 0.7 | 0.0 | 18.6 | 17.2 | 0.0 | 0.5 | 53.5 | 8.9 | 0.0 | 0.3 | 100.0 |
| | | Numbers | 0 | 65 | 176 | 0 | 4,459 | 4,136 | 6 | 115 | 12,735 | 2,126 | 3 | 68 | 23,890 |
| 33 8/9–8/15 | 323 | Percent | 0.0 | 0.0 | 0.0 | 0.0 | 6.9 | 2.7 | 0.0 | 2.1 | 85.4 | 2.3 | 0.3 | 0.3 | 100.0 |
| | | Numbers | 0 | 2 | 5 | 4 | 1,010 | 366 | 0 | 313 | 12,883 | 325 | 46 | 45 | 14,998 |
| 35 8/23–8/29 | 173 | Percent | 0.0 | 0.0 | 0.0 | 1.1 | 10.3 | 2.3 | 0.0 | 1.7 | 80.6 | 3.4 | 0.6 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 205 | 1,882 | 421 | 0 | 321 | 14,781 | 626 | 104 | 2 | 18,343 |
| 36-37 8/30–9/12 | 0 | Percent | 0.0 | 0.0 | 0.0 | 1.2 | 10.4 | 2.3 | 0.0 | 1.7 | 80.3 | 3.5 | 0.6 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 0 | 181 | 1,631 | 362 | 0 | 272 | 12,592 | 544 | 91 | 0 | 15,672 |
| Total | 3,009 | Percent | 0.0 | 0.1 | 0.2 | 0.7 | 38.3 | 13.4 | 0.2 | 2.8 | 37.8 | 6.3 | 0.1 | 0.2 | 100.0 |
| | | Numbers | 68 | 374 | 634 | 2,892 | 157,537 | 55,221 | 815 | 11,334 | 155,451 | 26,044 | 244 | 652 | 411,267 |

Table 45.—Estimated age composition of Inner and Outer Karluk Sections (255-10 and 255-20) and Sturgeon Section (256-40) commercial sockeye salmon catch, 2014.

| Statistical week | Sample size | Age | | | | | | | | | | | | | Total |
|--------------------|-------------|---------|-----|-------|--------|--------|-----|--------|---------|--------|-------|-------|--------|-------|---------|
| | | 0.3 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.1 | 3.2 | 3.3 | | |
| 23 5/31–6/6 | 393 | Percent | 0.3 | 0.5 | 24.7 | 8.4 | 0.0 | 5.1 | 43.2 | 16.6 | 0.2 | 0.0 | 0.7 | 0.3 | 100.0 |
| | | Numbers | 22 | 41 | 1,982 | 668 | 1 | 400 | 3,441 | 1,328 | 20 | 1 | 50 | 22 | 7,976 |
| 24 6/7–6/13 | 0 | Percent | 0.4 | 0.5 | 22.9 | 8.3 | 0.1 | 6.4 | 43.6 | 16.2 | 0.2 | 0.0 | 1.0 | 0.3 | 100.0 |
| | | Numbers | 79 | 117 | 4,959 | 1,792 | 14 | 1,373 | 9,415 | 3,502 | 51 | 7 | 220 | 72 | 21,601 |
| 25 6/14–6/20 | 0 | Percent | 0.5 | 0.6 | 20.9 | 8.2 | 0.1 | 7.9 | 44.1 | 15.7 | 0.2 | 0.1 | 1.4 | 0.4 | 100.0 |
| | | Numbers | 34 | 42 | 1,520 | 602 | 9 | 583 | 3,235 | 1,150 | 16 | 4 | 108 | 30 | 7,333 |
| 26 6/21–6/27 | 990 | Percent | 0.6 | 0.6 | 18.1 | 8.1 | 0.2 | 9.7 | 44.8 | 15.2 | 0.2 | 0.1 | 2.0 | 0.5 | 100.0 |
| | | Numbers | 109 | 116 | 3,487 | 1,548 | 35 | 1,851 | 8,564 | 2,910 | 39 | 18 | 376 | 94 | 19,148 |
| 27 6/28–7/4 | 0 | Percent | 0.5 | 0.8 | 17.2 | 7.7 | 0.2 | 9.0 | 45.4 | 16.6 | 0.2 | 0.1 | 1.8 | 0.6 | 100.0 |
| | | Numbers | 86 | 136 | 3,037 | 1,358 | 29 | 1,589 | 8,024 | 2,936 | 29 | 14 | 311 | 112 | 17,661 |
| 28 7/5–7/11 | 0 | Percent | 0.4 | 0.9 | 16.9 | 7.3 | 0.1 | 7.9 | 46.0 | 18.1 | 0.1 | 0.1 | 1.4 | 0.7 | 100.0 |
| | | Numbers | 129 | 343 | 6,060 | 2,622 | 43 | 2,775 | 16,630 | 6,658 | 43 | 22 | 495 | 279 | 36,100 |
| 29 7/12–7/18 | 0 | Percent | 0.2 | 1.1 | 16.4 | 6.8 | 0.1 | 6.4 | 46.7 | 20.2 | 0.1 | 0.0 | 1.0 | 0.9 | 100.0 |
| | | Numbers | 9 | 43 | 631 | 264 | 3 | 247 | 1,795 | 776 | 3 | 2 | 38 | 35 | 3,846 |
| 30 7/19–7/25 | 0 | Percent | 0.1 | 1.3 | 16.0 | 6.4 | 0.0 | 5.0 | 47.4 | 22.1 | 0.0 | 0.0 | 0.6 | 1.1 | 100.0 |
| | | Numbers | 11 | 142 | 1,729 | 695 | 4 | 548 | 5,127 | 2,392 | 4 | 2 | 64 | 114 | 10,831 |
| 31 7/26–8/1 | 345 | Percent | 0.1 | 1.3 | 14.7 | 6.5 | 0.0 | 3.5 | 50.4 | 21.9 | 0.0 | 0.0 | 0.6 | 1.0 | 100.0 |
| | | Numbers | 5 | 101 | 1,165 | 514 | 0 | 281 | 3,980 | 1,735 | 0 | 2 | 49 | 81 | 7,912 |
| 32 8/2–8/8 | 697 | Percent | 0.3 | 0.4 | 8.4 | 7.4 | 0.0 | 1.3 | 67.0 | 12.3 | 0.0 | 0.2 | 2.4 | 0.5 | 100.0 |
| | | Numbers | 116 | 128 | 2,908 | 2,558 | 0 | 433 | 23,176 | 4,277 | 0 | 68 | 838 | 156 | 34,659 |
| 33 8/9–8/15 | 486 | Percent | 0.0 | 0.6 | 3.6 | 2.5 | 0.0 | 2.9 | 78.6 | 7.9 | 0.0 | 0.4 | 2.6 | 1.0 | 100.0 |
| | | Numbers | 5 | 152 | 945 | 654 | 0 | 769 | 20,984 | 2,099 | 4 | 118 | 685 | 256 | 26,671 |
| 35 8/23–8/29 | 347 | Percent | 0.0 | 0.0 | 3.2 | 0.9 | 0.0 | 1.2 | 84.1 | 4.7 | 0.3 | 1.1 | 4.3 | 0.3 | 100.0 |
| | | Numbers | 0 | 5 | 1,765 | 493 | 0 | 659 | 46,773 | 2,594 | 158 | 635 | 2,389 | 167 | 55,637 |
| 36–40 8/30–10/3 | 0 | Percent | 0.0 | 0.0 | 3.2 | 0.9 | 0.0 | 1.2 | 84.1 | 4.6 | 0.3 | 1.2 | 4.3 | 0.3 | 100.0 |
| | | Numbers | 0 | 0 | 14,852 | 4,050 | 0 | 5,401 | 394,244 | 21,602 | 1,350 | 5,401 | 20,252 | 1,350 | 468,502 |
| Total | 3,258 | Percent | 0.1 | 0.2 | 6.3 | 2.5 | 0.0 | 2.4 | 76.0 | 7.5 | 0.2 | 0.9 | 3.6 | 0.4 | 100.0 |
| | | Numbers | 606 | 1,367 | 45,041 | 17,819 | 137 | 16,907 | 545,388 | 53,959 | 1,717 | 6,291 | 25,876 | 2,768 | 717,877 |

Table 46.—Estimated age composition of Olga Bay, Alitak Bay, and Moser Bay sections (257-40, 41, 42, and 43) commercial sockeye salmon catch, 2014.

| Statistical week | Sample size | | Age | | | | | | | | | Total |
|-------------------|-------------|---------|-----|-----|-------|-------|-------|---------|--------|-----|-----|---------|
| | | | 0.2 | 0.3 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | 2.4 | 3.2 | |
| 26 6/21–6/27 | 376 | Percent | 0.0 | 0.2 | 4.4 | 3.5 | 0.2 | 80.7 | 10.7 | 0.0 | 0.3 | 100.0 |
| | | Numbers | 3 | 44 | 824 | 640 | 24 | 14,904 | 2,024 | 0 | 49 | 18,512 |
| 27 6/28–7/4 | 719 | Percent | 0.1 | 0.0 | 3.8 | 3.5 | 1.0 | 82.5 | 8.7 | 0.0 | 0.2 | 100.0 |
| | | Numbers | 38 | 6 | 1,245 | 1,152 | 336 | 27,098 | 2,816 | 11 | 82 | 32,783 |
| 28 7/5–7/11 | 0 | Percent | 0.0 | 0.0 | 2.9 | 3.7 | 1.0 | 76.4 | 15.5 | 0.2 | 0.1 | 100.0 |
| | | Numbers | 7 | 0 | 493 | 618 | 167 | 12,698 | 2,521 | 37 | 14 | 16,555 |
| 29 7/12–7/18 | 312 | Percent | 0.0 | 0.0 | 2.6 | 3.8 | 1.0 | 73.5 | 18.8 | 0.3 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 710 | 1,059 | 265 | 20,257 | 5,184 | 88 | 1 | 27,564 |
| 30 7/19–7/25 | 0 | Percent | 0.0 | 0.0 | 2.6 | 3.8 | 1.0 | 73.4 | 18.9 | 0.3 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 450 | 676 | 169 | 12,894 | 3,322 | 56 | 0 | 17,568 |
| 31 7/26–8/1 | 0 | Percent | 0.0 | 0.0 | 2.6 | 3.8 | 1.0 | 73.4 | 18.9 | 0.3 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 348 | 523 | 131 | 9,971 | 2,569 | 44 | 0 | 13,585 |
| 35–36 8/23–9/5 | 0 | Percent | 0.0 | 0.0 | 2.6 | 3.8 | 1.0 | 73.4 | 18.9 | 0.3 | 0.0 | 100.0 |
| | | Numbers | 0 | 0 | 167 | 251 | 63 | 4,791 | 1,234 | 21 | 0 | 6,528 |
| Total | 1,407 | Percent | 0.0 | 0.0 | 3.2 | 3.7 | 0.9 | 77.1 | 14.8 | 0.2 | 0.1 | 100.0 |
| | | Numbers | 48 | 49 | 4,238 | 4,919 | 1,154 | 102,614 | 19,670 | 256 | 146 | 133,095 |

Table 47.—Estimated age composition of Cape Alitak and Humpy-Deadman sections (257-10, 20, 50, 60, 70) commercial sockeye salmon catch, 2014.

| Statistical week | Sample size | | Age | | | | | | | | | Total | |
|------------------|-------------|---------|-----|-----|-----|-------|--------|-----|-----|--------|--------|---------|--|
| | | | 0.1 | 0.3 | 0.4 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | | |
| 27 6/28–7/4 | 0 | Percent | 0.6 | 0.6 | 0.0 | 5.6 | 15.6 | 0.0 | 0.6 | 62.0 | 15.1 | 100.0 | |
| | | Numbers | 148 | 148 | 0 | 1,477 | 4,135 | 0 | 148 | 16,393 | 3,987 | 26,435 | |
| 28 7/5–7/11 | 179 | Percent | 0.6 | 0.6 | 0.0 | 5.6 | 15.6 | 0.0 | 0.6 | 62.0 | 15.1 | 100.0 | |
| | | Numbers | 237 | 237 | 0 | 2,373 | 6,643 | 0 | 237 | 26,336 | 6,406 | 42,469 | |
| 29 7/12–7/18 | 377 | Percent | 0.1 | 0.1 | 0.0 | 5.9 | 15.7 | 0.2 | 0.3 | 60.8 | 17.0 | 100.0 | |
| | | Numbers | 40 | 40 | 3 | 1,917 | 5,165 | 65 | 109 | 20,019 | 5,603 | 32,962 | |
| 30 7/19–7/25 | 350 | Percent | 0.0 | 0.0 | 0.2 | 7.0 | 15.8 | 0.1 | 0.3 | 63.8 | 12.9 | 100.0 | |
| | | Numbers | 0 | 5 | 32 | 996 | 2,234 | 9 | 36 | 9,061 | 1,829 | 14,202 | |
| 31 7/26–8/1 | 335 | Percent | 0.0 | 0.3 | 0.0 | 9.1 | 12.2 | 0.3 | 0.0 | 65.9 | 12.2 | 100.0 | |
| | | Numbers | 0 | 5 | 0 | 177 | 235 | 5 | 0 | 1,274 | 237 | 1,934 | |
| 32 8/2–8/8 | 0 | Percent | 0.0 | 0.3 | 0.0 | 9.3 | 11.9 | 0.3 | 0.0 | 66.0 | 12.2 | 100.0 | |
| | | Numbers | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 7 | 1 | 10 | |
| 33 8/9–8/15 | 0 | Percent | 0.0 | 0.3 | 0.0 | 9.3 | 11.9 | 0.3 | 0.0 | 66.0 | 12.2 | 100.0 | |
| | | Numbers | 0 | 0 | 0 | 15 | 19 | 0 | 0 | 108 | 20 | 163 | |
| 35 8/23–8/29 | 0 | Percent | 0.0 | 0.3 | 0.0 | 9.3 | 11.9 | 0.3 | 0.0 | 66.0 | 12.2 | 100.0 | |
| | | Numbers | 0 | 10 | 0 | 308 | 398 | 10 | 0 | 2,197 | 408 | 3,330 | |
| Total | | Percent | 0.4 | 0.4 | 0.0 | 6.0 | 15.5 | 0.1 | 0.4 | 62.0 | 15.2 | 100.0 | |
| | | Numbers | 425 | 446 | 35 | 7,263 | 18,831 | 90 | 530 | 75,394 | 18,491 | 121,505 | |

Table 48.—Karluk Lake early-run sockeye salmon estimated catch by area, escapement, and estimated total run by age class, 2014.

| Area | Sample size | Age | | | | | | | | | | | | Total | | |
|--|-------------|---------|-------|--------|-------|-----|--------|---------|---------|------|-----|-------|-------|---------|-------|--|
| | | 0.2 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.1 | 3.2 | 3.3 | | | |
| Estimated Karluk early-run catch by area | | | | | | | | | | | | | | | | |
| Uyak Bay (254-10-254-40) | | | | | | | | | | | | | | | | |
| 2,516 | Percent | 0.1 | 0.0 | 7.3 | 1.8 | 0.0 | 0.0 | 48.2 | 38.6 | 0.1 | 0.0 | 1.4 | 2.6 | 100.0 | | |
| | Numbers | 34 | 0 | 4,404 | 1,100 | 21 | 0 | 29,032 | 23,251 | 69 | 0 | 816 | 1,567 | 60,293 | | |
| Uganik-Viekoda-Kupreanof (253-11-253-35) | | | | | | | | | | | | | | | | |
| 2,192 | Percent | 0.1 | 0.0 | 7.4 | 1.8 | 0.0 | 0.0 | 48.8 | 37.6 | 0.2 | 0.0 | 2.0 | 2.0 | 100.0 | | |
| | Numbers | 34 | 0 | 4,420 | 1,104 | 21 | 0 | 29,140 | 22,454 | 117 | 0 | 1,177 | 1,215 | 59,681 | | |
| Karluk-Sturgeon (255-10, 255-20, 256-40) | | | | | | | | | | | | | | | | |
| 1,383 | Percent | 0.0 | 0.2 | 7.3 | 1.8 | 0.0 | 5.0 | 47.9 | 33.6 | 0.2 | 0.1 | 2.8 | 1.1 | 100.0 | | |
| | Numbers | 0 | 105 | 4,091 | 1,022 | 20 | 2,814 | 26,969 | 18,942 | 108 | 66 | 1,584 | 629 | 56,349 | | |
| Total catch | 6,091 | Percent | 0.0 | 0.1 | 7.3 | 1.8 | 0.0 | 1.6 | 48.3 | 36.7 | 0.2 | 0.0 | 2.0 | 1.9 | 100.0 | |
| | Numbers | 67 | 105 | 12,915 | 3,225 | 62 | 2,814 | 85,140 | 64,646 | 294 | 66 | 3,576 | 3,411 | 176,323 | | |
| Karluk early-run escapement | | | | | | | | | | | | | | | | |
| 1,880 | Percent | 0.0 | 0.6 | 6.1 | 1.5 | 0.0 | 15.4 | 40.3 | 32.3 | 0.2 | 0.4 | 2.4 | 0.9 | 100.0 | | |
| | Numbers | 117 | 1,451 | 15,400 | 3,846 | 74 | 38,736 | 101,520 | 81,304 | 406 | 912 | 6,099 | 2,232 | 252,097 | | |
| Total run | 7,971 | Percent | 0.0 | 0.4 | 6.6 | 1.7 | 0.0 | 9.7 | 43.6 | 34.1 | 0.2 | 0.2 | 2.3 | 1.3 | 100.0 | |
| | Numbers | 184 | 1,556 | 28,315 | 7,071 | 137 | 41,549 | 186,660 | 145,950 | 700 | 978 | 9,675 | 5,643 | 428,420 | | |

Note: Karluk catch includes test fishery harvest.

Table 49.—Karluk Lake early-run sockeye salmon brood table showing estimated returns from parent escapements by age class.

| Brood year | Escap. | Age | | | | | | | | | | | | | | | Total return | Return/ spawner | | | | |
|---------------|---------|-----|-----|-------|-------|--------|--------|-----|--------|---------|--------|-----|---------|---------|-----|-------|-----------------|--------------------|-------|-----|---------|-----|
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | 4.1 | 2.4 | 3.3 | 4.2 | 8yo | 9yo | | |
| 1976 | 204,037 | | | | | | | | | | | | | | | | | | 0 | | | |
| 1977 | 185,312 | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1978 | 248,741 | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1979 | 212,872 | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1980 | 132,396 | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1981 | 97,937 | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1982 | 122,705 | 0 | 0 | 1,244 | 841 | 4,650 | 5,466 | 0 | 21,058 | 197,293 | 4,169 | 0 | 93,560 | 37,079 | 0 | 0 | 20,728 | 0 | 0 | 320 | 386,408 | 3.1 |
| 1983 | 215,620 | 0 | 0 | 143 | 564 | 8,159 | 7,032 | 0 | 14,244 | 149,947 | 1,728 | 0 | 183,829 | 33,945 | 0 | 337 | 14,082 | 0 | 0 | 0 | 414,009 | 1.9 |
| 1984 | 288,422 | 0 | 0 | 0 | 0 | 4,090 | 8,393 | 0 | 5,830 | 97,537 | 738 | 0 | 94,258 | 30,589 | 0 | 908 | 19,634 | 0 | 0 | 0 | 261,977 | 0.9 |
| 1985 | 316,688 | 0 | 0 | 0 | 24 | 4,258 | 2,842 | 0 | 3,969 | 72,857 | 3,010 | 0 | 88,599 | 57,934 | 0 | 1,955 | 40,331 | 0 | 68 | 0 | 275,847 | 0.9 |
| 1986 | 358,756 | 0 | 24 | 0 | 337 | 6,152 | 2,201 | 346 | 6,443 | 87,691 | 4,031 | 94 | 129,381 | 131,218 | 0 | 479 | 61,223 | 1,508 | 348 | 0 | 431,475 | 1.2 |
| 1987 | 354,094 | 0 | 427 | 0 | 1,456 | 958 | 2,884 | 0 | 8,503 | 114,504 | 19,876 | 416 | 44,051 | 337,905 | 0 | 285 | 60,244 | 2,309 | 2,659 | 0 | 596,477 | 1.7 |
| 1988 | 296,510 | 0 | 0 | 0 | 0 | 8,383 | 6,297 | 0 | 9,708 | 84,322 | 13,770 | 0 | 37,096 | 202,729 | 0 | 320 | 70,357 | 231 | 2,945 | 0 | 436,159 | 1.5 |
| 1989 | 349,753 | 0 | 0 | 1,621 | 0 | 8,492 | 7,624 | 0 | 13,979 | 104,564 | 5,517 | 0 | 167,751 | 101,296 | 0 | 1 | 69,709 | 5,362 | 1,713 | 0 | 487,630 | 1.4 |
| 1990 | 196,197 | 0 | 0 | 181 | 0 | 18,149 | 2,780 | 0 | 50,649 | 79,156 | 6,586 | 652 | 146,751 | 97,063 | 0 | 269 | 70,863 | 760 | 0 | 0 | 473,858 | 2.4 |
| 1991 | 243,069 | 0 | 0 | 1,224 | 1,062 | 26,661 | 12,015 | 0 | 83,430 | 326,422 | 7,087 | 0 | 127,809 | 81,364 | 809 | 107 | 12,113 | 2,476 | 247 | 0 | 682,826 | 2.8 |
| 1992 | 217,152 | 0 | 0 | 2,669 | 4 | 9,627 | 9,642 | 0 | 13,159 | 52,730 | 14,935 | 0 | 42,891 | 58,375 | 0 | 769 | 36,603 | 0 | 79 | 0 | 241,483 | 1.1 |
| 1993 | 261,169 | 0 | 2 | 1,534 | 350 | 3,309 | 18,252 | 0 | 7,718 | 226,377 | 2,275 | 0 | 128,158 | 35,029 | 0 | 1,752 | 42,563 | 437 | 288 | 0 | 468,044 | 1.8 |
| 1994 | 260,771 | 0 | 0 | 1,017 | 0 | 8,956 | 7,266 | 0 | 41,179 | 294,780 | 1,857 | 427 | 182,133 | 54,148 | 0 | 587 | 33,887 | 1,781 | 1,042 | 0 | 629,059 | 2.4 |
| 1995 | 238,079 | 0 | 0 | 218 | 0 | 23,268 | 13,106 | 0 | 33,004 | 231,809 | 3,463 | 0 | 245,934 | 83,559 | 0 | 1,405 | 52,470 | 835 | 492 | 0 | 689,562 | 2.9 |
| 1996 | 250,357 | 0 | 0 | 0 | 0 | 2,063 | 5,959 | 0 | 2,217 | 253,847 | 2,326 | 0 | 215,129 | 84,029 | 0 | 61 | 42,035 | 0 | 1,575 | 0 | 609,241 | 2.4 |
| 1997 | 252,859 | 0 | 0 | 0 | 1,838 | 3,930 | 11,696 | 0 | 6,691 | 233,964 | 3,274 | 0 | 131,879 | 63,748 | 0 | 0 | 24,066 | 0 | 0 | 0 | 481,086 | 1.9 |
| 1998 | 252,298 | 0 | 0 | 574 | 0 | 4,258 | 19,885 | 0 | 5,410 | 531,206 | 4,517 | 532 | 168,024 | 104,530 | 715 | 0 | 14,578 | 0 | 0 | 0 | 854,229 | 3.4 |
| 1999 | 392,419 | 0 | 0 | 898 | 0 | 15,382 | 28,948 | 0 | 33,620 | 432,204 | 10,393 | 76 | 192,314 | 80,270 | 0 | 0 | 48,461 | 0 | 116 | 0 | 842,682 | 2.1 |
| 2000 | 291,351 | 0 | 0 | 939 | 0 | 9,611 | 4,286 | 0 | 3,393 | 223,141 | 6,013 | 129 | 109,252 | 78,082 | 0 | 483 | 74,506 | 523 | 1,561 | 0 | 511,919 | 1.8 |
| 2001 | 338,799 | 0 | 0 | 0 | 0 | 3,223 | 6,573 | 0 | 1,102 | 216,151 | 5,644 | 0 | 274,770 | 51,394 | 0 | 3,144 | 42,585 | 425 | 895 | 0 | 605,906 | 1.8 |
| 2002 | 456,842 | 0 | 0 | 78 | 0 | 4,894 | 11,188 | 0 | 7,592 | 69,773 | 1,251 | 99 | 59,363 | 12,086 | 0 | 698 | 4,882 | 0 | 0 | 0 | 171,904 | 0.4 |
| 2003 | 451,856 | 0 | 0 | 0 | 286 | 2,237 | 9,403 | 0 | 1,150 | 30,926 | 638 | 49 | 15,852 | 15,878 | 621 | 1 | 1,494 | 686 | 128 | 0 | 79,349 | 0.2 |
| 2004 | 393,468 | 0 | 760 | 0 | 99 | 196 | 390 | 0 | 946 | 17,044 | 4,700 | 0 | 5,120 | 32,065 | 0 | 0 | 10,449 | 101 | 21 | 0 | 71,891 | 0.2 |
| 2005 | 283,860 | 0 | 0 | 279 | 0 | 6,029 | 1,257 | 0 | 2,506 | 14,088 | 4,245 | 0 | 7,754 | 16,806 | 176 | 0 | 871 | 0 | 0 | 0 | 54,010 | 0.2 |
| 2006 | 202,366 | 0 | 0 | 0 | 23 | 15,167 | 5,207 | 0 | 4,056 | 27,614 | 6,532 | 0 | 13,395 | 8,786 | 0 | 0 | 1,027 | 0 | 0 | 0 | 81,807 | 0.4 |
| 2007 | 294,740 | 0 | 0 | 759 | 20 | 3,832 | 16,049 | 0 | 10,030 | 175,426 | 1,589 | 21 | 158,348 | 9,584 | 0 | 700 | 5,643 | 0 | | 0 | 382,002 | 1.3 |
| 2008 | 82,191 | 0 | 0 | 338 | 0 | 15,219 | 10,309 | 102 | 44,996 | 184,375 | 2,182 | 137 | 145,950 | 9,675 | 0 | | | | | | | |
| 2009 | 52,798 | 0 | 0 | 240 | 8 | 20,084 | 22,414 | 0 | 7,071 | 186,660 | 978 | | | | | | | | | | | |
| 2010 | 71,453 | 0 | 0 | 2,288 | 0 | 28,315 | 41,549 | | | | | | | | | | | | | | | |
| 2011 | 87,049 | 148 | 184 | 1,556 | | | | | | | | | | | | | | | | | | |
| 2012 | 188,085 | 0 | | | | | | | | | | | | | | | | | | | | |
| 2013 | 234,880 | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 252,097 | | | | | | | | | | | | | | | | | | | | | |

10-year average (1998–2007): 365,570

1.2

Table 50.—Karluk Lake late-run sockeye salmon estimated catch by area, escapement, and estimated total run by age class, 2014.

| Area | Sample size | Age | | | | | | | | | | | Total | |
|--|-------------|---------|-------|--------|-------|-----|--------|---------|---------|-----|-------|--------|-------|-----------|
| | | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 3.1 | 3.2 | 3.3 | | |
| Estimated Karluk late-run catch by area | | | | | | | | | | | | | | |
| Uyak Bay (254-10-254-40) | 2,174 | Percent | 0.0 | 2.5 | 0.5 | 0.0 | 0.0 | 67.6 | 23.6 | 0.0 | 0.0 | 4.9 | 0.8 | 100.0 |
| | | Numbers | 0 | 3,348 | 645 | 27 | 0 | 90,181 | 31,507 | 0 | 0 | 6,540 | 1,089 | 133,336 |
| Uganik-Viekoda-Kupreanof (253-11-253-35) | 2,121 | Percent | 0.0 | 2.5 | 0.5 | 0.0 | 0.0 | 67.6 | 23.6 | 0.0 | 0.0 | 4.4 | 1.4 | 100.0 |
| | | Numbers | 0 | 2,783 | 536 | 22 | 0 | 74,948 | 26,185 | 1 | 0 | 4,832 | 1,509 | 110,815 |
| Inner and Outer Karluk (255-10-255-20) | 1,875 | Percent | 0.1 | 3.0 | 0.7 | 0.0 | 1.6 | 80.8 | 7.0 | 0.2 | 1.2 | 4.9 | 0.4 | 100.0 |
| | | Numbers | 546 | 15,163 | 3,710 | 5 | 8,192 | 404,556 | 35,017 | 897 | 6,225 | 24,292 | 2,138 | 500,742 |
| Total Catch | 6,170 | Percent | 0.1 | 2.9 | 0.7 | 0.0 | 1.1 | 76.5 | 12.4 | 0.1 | 0.8 | 4.8 | 0.6 | 100.0 |
| | | Numbers | 546 | 21,294 | 4,890 | 54 | 8,192 | 569,685 | 92,708 | 898 | 6,225 | 35,664 | 4,737 | 744,893 |
| Karluk late-run escapement | | | | | | | | | | | | | | |
| | 1,299 | Percent | 0.3 | 2.4 | 0.5 | 0.0 | 3.8 | 64.7 | 22.6 | 0.0 | 0.1 | 4.6 | 0.9 | 100.0 |
| | | Numbers | 1,882 | 13,065 | 2,516 | 105 | 20,774 | 351,870 | 122,933 | 3 | 553 | 25,070 | 4,698 | 543,469 |
| Total Run | 7,469 | Percent | 0.2 | 2.7 | 0.6 | 0.0 | 2.2 | 71.5 | 16.7 | 0.1 | 0.5 | 4.7 | 0.7 | 100.0 |
| | | Numbers | 2,428 | 34,359 | 7,407 | 159 | 28,966 | 921,554 | 215,642 | 901 | 6,778 | 60,733 | 9,435 | 1,288,362 |

Table 51.—Karluk Lake late-run sockeye salmon brood table showing estimated returns from parent escapements by age class.

| Brood year | Escap. | Age | | | | | | | | | | | | | | | Total return | Return/spawner | | | |
|------------|---------|-----|-------|-------|--------|--------|--------|-------|--------|---------|--------|-------------|---------|---------|--------|---------|--------------|----------------|-----------|-----------|-----|
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | 4.2 | 8yo | 9yo | | |
| 1976 | 319,459 | | | | | | | | | | | | | | | | | 0 | | | |
| 1977 | 366,936 | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1978 | 112,194 | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1979 | 248,908 | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1980 | 14,227 | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1981 | 124,769 | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 1982 | 41,702 | 0 | 0 | 0 | 0 | 0 | 1,261 | 0 | 5,239 | 290,631 | 606 | 0 | 110,997 | 34,711 | 0 | 19,631 | 0 | 0 | 0 | | |
| 1983 | 220,795 | 0 | 0 | 0 | 4,079 | 4,160 | 12,830 | 0 | 480 | 241,803 | 1,268 | 31 213,452 | 42,156 | 2,070 | 47,370 | 0 | 0 | 0 | 569,699 | 2.6 | |
| 1984 | 131,846 | 0 | 885 | 0 | 0 | 445 | 6,246 | 0 | 30,516 | 424,123 | 0 | 937 303,542 | 271,018 | 471 | 71,764 | 651 | 0 | 0 | 1,110,598 | 8.4 | |
| 1985 | 679,260 | 169 | 0 | 0 | 1,084 | 30,165 | 212 | 189 | 60,235 | 784,914 | 494 | 595 493,743 | 421,972 | 462 | 43,998 | 0 | 42 | 0 | 1,838,274 | 2.7 | |
| 1986 | 528,415 | 0 | 893 | 0 | 15,519 | 39,109 | 978 | 105 | 57,974 | 835,214 | 1,162 | 0 | 114,862 | 655,219 | 563 | 60,240 | 325 | 1,770 | 0 | 1,783,933 | 3.4 |
| 1987 | 412,157 | 106 | 5,976 | 201 | 17,067 | 24,703 | 1,737 | 0 | 550 | 226,552 | 2,373 | 0 | 23,389 | 320,723 | 79 | 54,451 | 1,600 | 0 | 0 | 679,507 | 1.6 |
| 1988 | 282,306 | 0 | 2,531 | 111 | 2,424 | 4,649 | 1,512 | 0 | 3,127 | 189,196 | 7,249 | 0 | 71,078 | 212,649 | 0 | 16,740 | 0 | 9 | 0 | 511,274 | 1.8 |
| 1989 | 758,893 | 0 | 3,555 | 799 | 3,717 | 5,909 | 12,607 | 0 | 3,302 | 308,439 | 6,233 | 0 | 151,212 | 214,110 | 0 | 12,030 | 950 | 0 | 0 | 722,863 | 1.0 |
| 1990 | 541,891 | 0 | 3,591 | 971 | 6,292 | 16,995 | 3,241 | 0 | 10,310 | 447,371 | 1,085 | 18 52,479 | 80,226 | 591 | 62,392 | 1,095 | 64 | 0 | 686,721 | 1.3 | |
| 1991 | 831,970 | 0 | 7,113 | 340 | 2,879 | 16,292 | 3,023 | 0 | 8,568 | 340,535 | 4,731 | 52 191,311 | 85,334 | 952 | 13,107 | 659 | 111 | 0 | 675,007 | 0.8 | |
| 1992 | 614,262 | 0 | 1,567 | 1,923 | 0 | 3,880 | 6,759 | 0 | 12,234 | 57,188 | 5,043 | 0 | 76,196 | 138,987 | 513 | 28,379 | 0 | 0 | 332,669 | 0.5 | |
| 1993 | 396,288 | 0 | 0 | 1,501 | 2,860 | 3,550 | 17,168 | 0 | 11,541 | 412,758 | 1,362 | 36 202,913 | 75,591 | 0 | 23,523 | 0 | 0 | 0 | 752,802 | 1.9 | |
| 1994 | 587,258 | 0 | 0 | 198 | 1,192 | 24,718 | 4,323 | 0 | 17,261 | 616,350 | 1,008 | 0 | 159,094 | 109,890 | 551 | 41,274 | 821 | 128 | 0 | 976,808 | 1.7 |
| 1995 | 504,977 | 0 | 1,156 | 0 | 3,219 | 48,766 | 8,685 | 0 | 1,839 | 353,857 | 5,252 | 0 | 390,880 | 129,216 | 424 | 28,253 | 405 | 1,668 | 0 | 973,619 | 1.9 |
| 1996 | 323,969 | 0 | 540 | 633 | 0 | 2,970 | 108 | 0 | 469 | 283,071 | 2,817 | 0 | 149,445 | 139,820 | 0 | 83,431 | 0 | 934 | 0 | 664,238 | 2.1 |
| 1997 | 311,902 | 0 | 0 | 407 | 0 | 1,473 | 21,821 | 0 | 291 | 494,043 | 18,682 | 0 | 268,631 | 235,707 | 0 | 12,330 | 0 | 421 | 0 | 1,053,807 | 3.4 |
| 1998 | 384,848 | 0 | 0 | 136 | 0 | 586 | 33,787 | 1,399 | 2,716 | 923,141 | 8,407 | 0 | 78,063 | 143,454 | 0 | 12,558 | 0 | 284 | 0 | 1,204,530 | 3.1 |
| 1999 | 589,119 | 0 | 0 | 0 | 0 | 25,117 | 41,401 | 0 | 7,645 | 403,399 | 3,410 | 85 154,603 | 210,642 | 0 | 65,446 | 0 | 302 | 0 | 912,219 | 1.5 | |
| 2000 | 445,393 | 155 | 669 | 51 | 3,376 | 6,049 | 270 | 0 | 1,126 | 531,303 | 2,955 | 0 | 292,380 | 55,025 | 2,875 | 100,967 | 1,046 | 4,014 | 10 | 1,002,271 | 2.3 |
| 2001 | 524,739 | 0 | 0 | 0 | 0 | 2,543 | 5,375 | 0 | 2,611 | 132,216 | 3,786 | 0 | 305,575 | 113,907 | 13,374 | 38,224 | 0 | 262 | 0 | 617,979 | 1.2 |
| 2002 | 408,734 | 0 | 0 | 62 | 2,790 | 3,319 | 12,383 | 0 | 6,844 | 183,353 | 672 | 361 161,086 | 25,895 | 9 | 14,881 | 99 | 528 | 0 | 412,282 | 1.0 | |
| 2003 | 626,854 | 0 | 0 | 208 | 1,750 | 2,494 | 1,544 | 0 | 1,887 | 41,395 | 2,247 | 0 | 15,635 | 269,401 | 0 | 5,707 | 10,460 | 1,746 | 0 | 354,474 | 0.6 |
| 2004 | 326,466 | 0 | 277 | 5 | 301 | 1,998 | 510 | 0 | 543 | 15,162 | 10,973 | 0 | 7,084 | 223,546 | 0 | 8,868 | 2,084 | 0 | 0 | 271,352 | 0.8 |
| 2005 | 498,102 | 0 | 3,532 | 63 | 0 | 423 | 2,022 | 0 | 544 | 63,514 | 768 | 0 | 20,543 | 72,929 | 0 | 3,929 | 0 | 0 | 0 | 168,266 | 0.3 |
| 2006 | 288,007 | 0 | 0 | 15 | 0 | 1,734 | 2,029 | 0 | 1,553 | 123,394 | 11,965 | 34 38,311 | 73,030 | 59 | 7,613 | 0 | 0 | 0 | 259,736 | 0.9 | |
| 2007 | 251,835 | 0 | 0 | 81 | 2,235 | 3,207 | 18,490 | 0 | 6,173 | 452,112 | 217 | 0 | 183,111 | 64,437 | 901 | 9,435 | 0 | 0 | 0 | 740,399 | 2.9 |
| 2008 | 164,299 | 0 | 0 | 0 | 34 | 8,620 | 6,489 | 0 | 5,738 | 464,655 | 508 | 159 215,642 | 60,733 | | | | | | | | |
| 2009 | 277,280 | 0 | 501 | 349 | 7 | 14,742 | 11,322 | 0 | 7,407 | 921,554 | 6,778 | | | | | | | | | | |
| 2010 | 276,649 | 0 | 203 | 1,020 | 0 | 34,359 | 28,966 | | | | | | | | | | | | | | |
| 2011 | 230,273 | 0 | 0 | 2,428 | | | | | | | | | | | | | | | | | |
| 2012 | 314,605 | 0 | | | | | | | | | | | | | | | | | | | |
| 2013 | 336,479 | | | | | | | | | | | | | | | | | | | | |
| 2014 | 543,469 | | | | | | | | | | | | | | | | | | | | |

10-year average (1998–2007): 594,351 1.5

Table 52.—Ayakulik River (Red Lake) sockeye salmon estimated catch by area, escapement, and estimated total run by age class, 2014.

| Area | Sample size | Age | | | | | | | | | | Total | | |
|---|-------------|---------|-----|-------|---------|---------|--------|--------|--------|---------|--------|---------|---------|--|
| | | 0.2 | 0.3 | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 3.2 | | | |
| Estimated Ayakulik catch by area | | | | | | | | | | | | | | |
| Ayakulik-Halibut Bay Sections (256-10 – 256-30) through 25 July | | | | | | | | | | | | | | |
| 2,161 | Percent | 0.1 | 0.1 | 0.7 | 43.9 | 14.8 | 0.2 | 3.0 | 30.3 | 6.6 | 0.2 | 100.0 | | |
| | Numbers | 231 | 340 | 1,877 | 111,417 | 37,452 | 607 | 7,735 | 76,845 | 16,818 | 402 | 253,722 | | |
| Ayakulik-Halibut Bay Sections (256-10 – 256-30) post 25 July | | | | | | | | | | | | | | |
| 848 | Percent | 0.1 | 0.2 | 0.5 | 11.5 | 13.6 | 0.0 | 1.3 | 68.0 | 4.6 | 0.1 | 100.0 | | |
| | Numbers | 33 | 91 | 195 | 4,491 | 5,287 | 3 | 511 | 26,496 | 1,810 | 58 | 38,973 | | |
| Karluk-Sturgeon Sections (255-10, 255-20, 256-40) through 25 July | | | | | | | | | | | | | | |
| 1,383 | Percent | 0.0 | 0.4 | 0.8 | 19.0 | 7.7 | 0.1 | 7.6 | 45.5 | 17.5 | 1.3 | 100.0 | | |
| | Numbers | 0 | 96 | 196 | 4,681 | 1,910 | 27 | 1,873 | 11,246 | 4,330 | 333 | 24,693 | | |
| Karluk-Sturgeon Sections (255-10, 255-20, 256-40) post 25 July | | | | | | | | | | | | | | |
| 1,875 | Percent | 0.0 | 0.1 | 0.3 | 5.5 | 3.4 | 0.0 | 1.7 | 77.0 | 8.7 | 3.2 | 100.0 | | |
| | Numbers | 0 | 13 | 39 | 678 | 422 | 0 | 214 | 9,491 | 1,070 | 396 | 12,323 | | |
| Total Catch | 6,267 | Percent | 0.1 | 0.2 | 0.7 | 36.8 | 13.7 | 0.2 | 3.1 | 37.6 | 7.3 | 0.4 | 100.0 | |
| | | Numbers | 264 | 539 | 2,306 | 121,267 | 45,070 | 637 | 10,333 | 124,078 | 24,029 | 1,189 | 329,711 | |
| Ayakulik escapement | | | | | | | | | | | | | | |
| 2,337 | Percent | 0.0 | 0.3 | 0.5 | 52.5 | 9.8 | 0.0 | 3.4 | 28.9 | 4.5 | 0.1 | 100.0 | | |
| | Numbers | 28 | 837 | 1,598 | 156,329 | 29,062 | 28 | 10,140 | 86,169 | 13,250 | 271 | 297,711 | | |
| Total escapement | 2,337 | Percent | 0.0 | 0.3 | 0.5 | 52.5 | 9.8 | 0.0 | 3.4 | 28.9 | 4.5 | 0.1 | 100.0 | |
| | | Numbers | 28 | 837 | 1,598 | 156,329 | 29,062 | 28 | 10,140 | 86,169 | 13,250 | 271 | 297,711 | |
| Total Run | 8,604 | Percent | 0.0 | 0.2 | 0.6 | 44.2 | 11.8 | 0.1 | 3.3 | 33.5 | 5.9 | 0.2 | 100.0 | |
| | | Numbers | 292 | 1,376 | 3,904 | 277,596 | 74,131 | 666 | 20,472 | 210,247 | 37,279 | 1,460 | 627,422 | |

Note: In 2014, 75% of the Ayakulik and Halibut Bay sections harvest through 7/25 was attributed to Ayakulik based on age composition of the samples. After 7/25, 50% of the Ayakulik and Halibut Bay sections harvest was attributed to Ayakulik. Additionally, 20% of the Karluk and Sturgeon sections harvest through 7/25 was attributed to Ayakulik based on age composition of the samples, and after 7/25, 10% of the Karluk and Sturgeon sections harvest was attributed to Ayakulik.

Table 53.—Ayakulik River (Red Lake) sockeye salmon brood table showing estimated returns from parent escapements by age class.

| Brood year | Escap. | Age | | | | | | | | | | | | | Total return | Return/ spawner | | | |
|---------------|---------|-----|-------|--------|--------|---------|--------|--------|---------|---------|-------|-------|---------|--------|-----------------|--------------------|-----|-----------|-----|
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | 3.4 | | |
| 1976 | 219,047 | 0 | 0 | 5,835 | 3,855 | 405,330 | 8,408 | 0 | 164,495 | 187,009 | 0 | 0 | 61,395 | 0 | 0 | 0 | 0 | 836,328 | 3.8 |
| 1977 | 306,982 | 0 | 0 | 0 | 0 | 5,060 | 3,431 | 0 | 18,656 | 170,721 | 0 | 0 | 85,541 | 3,940 | 0 | 0 | 0 | 287,349 | 0.9 |
| 1978 | 132,864 | 0 | 0 | 0 | 0 | 1,556 | 15,799 | 0 | 14,937 | 45,081 | 0 | 0 | 42,151 | 2,747 | 0 | 0 | 0 | 122,273 | 0.9 |
| 1979 | 222,270 | 0 | 0 | 3,625 | 441 | 16,345 | 18,352 | 0 | 40,958 | 131,539 | 0 | 0 | 41,815 | 1,438 | 0 | 0 | 0 | 254,511 | 1.1 |
| 1980 | 774,328 | 0 | 0 | 11,780 | 13,347 | 402,761 | 24,781 | 0 | 232,583 | 305,083 | 0 | 0 | 159,440 | 2,762 | 0 | 0 | 0 | 1,152,537 | 1.5 |
| 1981 | 279,200 | 0 | 0 | 17,149 | 0 | 310,784 | 7,450 | 0 | 230,889 | 328,622 | 0 | 0 | 168,527 | 28,564 | 0 | 0 | 0 | 1,091,984 | 3.9 |
| 1982 | 169,678 | 0 | 0 | 6,857 | 7,500 | 1,626 | 2,596 | 0 | 16,351 | 123,667 | 0 | 0 | 77,129 | 4,751 | 0 | 0 | 0 | 240,476 | 1.4 |
| 1983 | 171,415 | 0 | 0 | 548 | 1,171 | 20,198 | 15,116 | 0 | 72,231 | 168,055 | 0 | 0 | 104,765 | 0 | 0 | 0 | 0 | 382,085 | 2.2 |
| 1984 | 283,215 | 0 | 0 | 7,779 | 3,311 | 138,185 | 78,899 | 0 | 72,319 | 197,026 | 0 | 0 | 103,450 | 3,347 | 0 | 0 | 0 | 604,316 | 2.1 |
| 1985 | 388,759 | 0 | 0 | 61,345 | 3,903 | 365,489 | 18,971 | 0 | 589,731 | 513,314 | 0 | 0 | 229,750 | 4,276 | 0 | 0 | 0 | 1,786,779 | 4.6 |
| 1986 | 318,135 | 0 | 0 | 4,480 | 38,326 | 571,371 | 6,489 | 0 | 506,463 | 365,644 | 0 | 0 | 231,471 | 5,967 | 0 | 0 | 0 | 1,730,211 | 5.4 |
| 1987 | 261,913 | 0 | 0 | 12,991 | 15,380 | 173,341 | 13,602 | 0 | 103,512 | 317,142 | 0 | 0 | 341,728 | 32,807 | 0 | 5,063 | 0 | 1,015,566 | 3.9 |
| 1988 | 291,774 | 0 | 0 | 2,822 | 3,351 | 81,584 | 2,832 | 0 | 62,159 | 126,124 | 0 | 0 | 27,783 | 10,655 | 0 | 8,225 | 0 | 325,535 | 1.1 |
| 1989 | 768,101 | 0 | 0 | 2,571 | 5,565 | 26,297 | 29,189 | 0 | 18,318 | 310,379 | 0 | 0 | 254,557 | 59,553 | 0 | 46,238 | 0 | 752,667 | 1.0 |
| 1990 | 371,282 | 0 | 0 | 1,028 | 8,047 | 3,618 | 14,638 | 0 | 59,035 | 295,167 | 0 | 0 | 202,600 | 16,202 | 0 | 102 | 38 | 600,475 | 1.6 |
| 1991 | 384,859 | 0 | 640 | 22,371 | 17,118 | 145,925 | 36,123 | 0 | 393,249 | 482,187 | 0 | 19 | 158,923 | 5,779 | 64 | 2,796 | 112 | 1,265,306 | 3.3 |
| 1992 | 344,184 | 0 | 4,591 | 2,578 | 9,900 | 65,889 | 24,694 | 205 | 10,135 | 200,817 | 2,188 | 2,685 | 230,460 | 19,788 | 1,983 | 6,010 | 112 | 582,035 | 1.7 |
| 1993 | 286,170 | 0 | 0 | 3,093 | 3,678 | 2,504 | 16,283 | 400 | 176,539 | 409,718 | 516 | 8,075 | 138,504 | 7,591 | 344 | 5,426 | 0 | 772,671 | 2.7 |
| 1994 | 380,181 | 0 | 465 | 42,711 | 7,275 | 555,246 | 35,908 | 17,036 | 338,728 | 344,937 | 546 | 79 | 102,628 | 7,224 | 401 | 1,737 | 0 | 1,454,921 | 3.8 |
| 1995 | 317,832 | 0 | 0 | 4,711 | 4,707 | 101,292 | 18,181 | 516 | 53,759 | 227,822 | 3,186 | 0 | 240,294 | 22,068 | 1,125 | 6,135 | 0 | 683,795 | 2.2 |
| 1996 | 337,155 | 0 | 269 | 1,770 | 17,050 | 16,902 | 8,589 | 332 | 93,851 | 198,161 | 364 | 0 | 143,934 | 802 | 291 | 244 | 0 | 482,559 | 1.4 |
| 1997 | 308,214 | 0 | 5 | 1,250 | 4,810 | 14,447 | 5,395 | 597 | 11,767 | 34,814 | 330 | 0 | 16,169 | 727 | 0 | 1,490 | 0 | 91,802 | 0.3 |
| 1998 | 427,208 | 62 | 0 | 4,554 | 597 | 29,683 | 2,929 | 0 | 12,657 | 97,574 | 1,470 | 602 | 46,305 | 10,818 | 234 | 4,760 | 40 | 212,288 | 0.5 |
| 1999 | 295,717 | 0 | 0 | 2,953 | 4,818 | 53,015 | 8,754 | 353 | 124,906 | 192,030 | 0 | 240 | 80,066 | 4,301 | 658 | 1,930 | 0 | 474,025 | 1.6 |
| 2000 | 208,651 | 130 | 0 | 2,261 | 7,074 | 56,453 | 5,858 | 0 | 40,660 | 148,872 | 148 | 0 | 26,019 | 893 | 539 | 2,481 | 0 | 291,390 | 1.4 |
| 2001 | 218,892 | 0 | 0 | 97 | 0 | 21,217 | 4,756 | 0 | 12,812 | 57,133 | 0 | 315 | 95,615 | 2,218 | 299 | 142 | 0 | 194,605 | 0.9 |
| 2002 | 229,292 | 0 | 0 | 499 | 121 | 13,352 | 4,881 | 141 | 61,713 | 162,634 | 214 | 1,386 | 67,474 | 189 | 477 | 311 | 0 | 313,392 | 1.4 |
| 2003 | 197,892 | 0 | 40 | 2,224 | 1,086 | 47,900 | 5,678 | 0 | 47,986 | 88,088 | 0 | 152 | 36,068 | 2,986 | 296 | 1,015 | 0 | 233,520 | 1.2 |
| 2004 | 275,238 | 0 | 0 | 2,445 | 3,358 | 24,944 | 5,073 | 152 | 59,544 | 163,974 | 0 | 625 | 34,630 | 3,192 | 195 | 0 | 0 | 298,131 | 1.1 |
| 2005 | 251,906 | 0 | 67 | 5,423 | 694 | 99,530 | 13,239 | 0 | 73,594 | 260,808 | 1,059 | 307 | 33,847 | 2,480 | 0 | 682 | 0 | 491,729 | 2.0 |
| 2006 | 87,780 | 0 | 0 | 8,645 | 839 | 110,179 | 16,074 | 0 | 77,324 | 161,777 | 163 | 317 | 40,897 | 4,379 | 0 | 0 | 0 | 420,593 | 4.8 |
| 2007 | 283,042 | 0 | 0 | 15,958 | 1,454 | 101,723 | 35,354 | 0 | 103,711 | 318,854 | 224 | 336 | 58,052 | 1,205 | 0 | 0 | 0 | 636,871 | 2.3 |
| 2008 | 162,888 | 0 | 0 | 16,912 | 866 | 66,934 | 11,628 | 0 | 67,656 | 149,978 | 0 | 666 | 37,279 | 1,460 | | | | | |
| 2009 | 315,184 | 95 | 0 | 9,668 | 5,863 | 74,430 | 21,284 | 0 | 74,131 | 210,247 | 0 | | | | | | | | |
| 2010 | 262,327 | 0 | 318 | 50,918 | 1,376 | 277,596 | 20,472 | | | | | | | | | | | | |

-continued-

Table 53.–Page 2 of 2.

| Brood year | Escap. | Age | | | | | | | | | | | | | Total return | Return/ spawner | |
|------------------------------|---------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|--------------------|-----|
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | 3.4 |
| 2011 | 261,141 | 0 | 292 | 3,904 | | | | | | | | | | | | | |
| 2012 | 328,254 | 0 | | | | | | | | | | | | | | | |
| 2013 | 282,164 | | | | | | | | | | | | | | | | |
| 2014 | 297,711 | | | | | | | | | | | | | | | | |
| 10-year average (1998–2007): | | | | | | | | | | | | | | | 356,654 | 1.7 | |

Table 54.—Frazer Lake (Dog Salmon Creek) sockeye salmon estimated catch by area, escapement, and estimated total run by age class, 2014.

| Area | Sample size | Age | | | | | | | | | Total | | |
|---|-------------|---------|-----|--------|--------|-----|--------|---------|--------|-----|-------|---------|--|
| | | 1.1 | 1.2 | 1.3 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 | 0.4 | | | |
| Estimated Frazer catch by area | | | | | | | | | | | | | |
| Olga, Moser, and Alitak Bay gillnet sections (257-40, -43, -41, -42) adjusted 95% for other stocks. | | | | | | | | | | | | | |
| | 2,115 | Percent | 0.0 | 3.3 | 1.9 | 0.0 | 0.9 | 78.8 | 14.9 | 0.2 | 0.0 | 100.0 | |
| | | Numbers | 0 | 3,676 | 2,165 | 0 | 986 | 88,320 | 16,642 | 243 | 0 | 112,031 | |
| Cape Alitak and Humpy-Deadman sections (257-10, -20, -50, -60, -70) adjusted 80% for other stocks. | | | | | | | | | | | | | |
| | 1,618 | Percent | 0.0 | 5.9 | 15.7 | 0.1 | 0.5 | 62.4 | 15.4 | 0.0 | 0.0 | 100.0 | |
| | | Numbers | 0 | 5,351 | 14,207 | 72 | 408 | 56,362 | 13,944 | 0 | 0 | 90,344 | |
| Total catch | 3,733 | Percent | 0.0 | 4.5 | 8.1 | 0.0 | 0.7 | 71.5 | 15.1 | 0.1 | 0.0 | 100.0 | |
| | | Numbers | 0 | 9,026 | 16,373 | 72 | 1,393 | 144,682 | 30,586 | 243 | 0 | 202,375 | |
| Dog Salmon Creek escapement | | | | | | | | | | | | | |
| | 2,121 | Percent | 0.2 | 1.9 | 0.0 | 0.0 | 6.7 | 84.1 | 6.6 | 0.1 | 0.2 | 100.0 | |
| | | Numbers | 477 | 4,237 | 81 | 81 | 14,647 | 182,798 | 14,430 | 217 | 492 | 217,461 | |
| Total run | 5,854 | Percent | 0.1 | 3.2 | 3.9 | 0.0 | 3.8 | 78.0 | 10.7 | 0.1 | 0.1 | 100.0 | |
| | | Numbers | 477 | 13,263 | 16,454 | 153 | 16,041 | 327,480 | 45,016 | 460 | 492 | 419,836 | |

Table 55.—Frazer Lake (Dog Salmon Creek) sockeye salmon brood table showing estimated returns from parent escapements by age class.

| Brood year | Escap. | Age | | | | | | | | | | | | | | | Total return | Return/ spawner | | |
|---------------|---------|-------|--------|-------|---------|---------|-----|---------|---------|--------|-------|---------|---------|-----|-------|-----|-----------------|--------------------|-----------|------|
| | | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | 4.1 | 2.4 | 4.2 | 3.3 | 8yo | | |
| 1976 | 119,321 | 0 | 2,150 | 0 | 223,444 | 8,753 | 0 | 73,677 | 257,625 | 0 | 0 | 143,383 | 0 | 0 | 0 | 0 | 393 | 0 | 709,424 | 5.9 |
| 1977 | 139,548 | 0 | 2,764 | 0 | 73,189 | 2,928 | 0 | 92,211 | 107,917 | 0 | 0 | 146,064 | 393 | 0 | 0 | 0 | 0 | 0 | 425,466 | 3.0 |
| 1978 | 141,981 | 0 | 7,807 | 0 | 162,130 | 507 | 0 | 24,148 | 22,970 | 0 | 0 | 16,844 | 0 | 0 | 0 | 0 | 638 | 0 | 235,043 | 1.7 |
| 1979 | 126,742 | 0 | 507 | 0 | 1,374 | 982 | 0 | 2,965 | 24,323 | 0 | 0 | 26,791 | 0 | 0 | 0 | 0 | 2,165 | 0 | 59,106 | 0.5 |
| 1980 | 405,535 | 0 | 0 | 0 | 6,064 | 16,305 | 0 | 7,654 | 589,393 | 0 | 0 | 141,065 | 684 | 0 | 46 | 0 | 52 | 0 | 761,264 | 1.9 |
| 1981 | 377,716 | 0 | 876 | 0 | 12,120 | 0 | 0 | 2,455 | 7,748 | 0 | 172 | 5,239 | 0 | 0 | 0 | 0 | 862 | 0 | 29,471 | 0.1 |
| 1982 | 430,423 | 0 | 1,276 | 0 | 23,647 | 431 | 0 | 28,624 | 3,735 | 24 | 754 | 10,870 | 10,812 | 0 | 0 | 0 | 0 | 0 | 80,172 | 0.2 |
| 1983 | 158,340 | 0 | 10 | 26 | 8,935 | 9,729 | 0 | 13,438 | 380,531 | 1,604 | 0 | 586,833 | 0 | 0 | 0 | 0 | 36,986 | 0 | 1,038,092 | 6.6 |
| 1984 | 53,524 | 0 | 1,001 | 0 | 5,771 | 33,628 | 0 | 7,437 | 386,832 | 0 | 0 | 67,142 | 2,046 | 0 | 0 | 0 | 0 | 0 | 503,856 | 9.4 |
| 1985 | 485,835 | 0 | 192 | 0 | 16,502 | 4,399 | 0 | 49,290 | 53,978 | 151 | 0 | 22,578 | 9,032 | 0 | 1,595 | 0 | 2,694 | 0 | 160,412 | 0.3 |
| 1986 | 126,529 | 1,393 | 67,475 | 0 | 727,658 | 40,794 | 0 | 230,893 | 972,290 | 0 | 0 | 168,815 | 9,129 | 0 | 0 | 0 | 8,584 | 0 | 2,227,031 | 17.6 |
| 1987 | 40,544 | 0 | 1,787 | 1,851 | 3,019 | 26,596 | 0 | 3,902 | 187,581 | 0 | 0 | 159,822 | 104 | 0 | 156 | 0 | 882 | 0 | 385,701 | 9.5 |
| 1988 | 246,704 | 0 | 1,886 | 0 | 21,073 | 7,793 | 0 | 30,096 | 210,586 | 133 | 0 | 64,565 | 20,510 | 0 | 16 | 0 | 7,994 | 0 | 364,652 | 1.5 |
| 1989 | 360,373 | 0 | 16,191 | 208 | 327,929 | 12,847 | 0 | 153,078 | 373,277 | 5,752 | 0 | 300,182 | 145,325 | 0 | 0 | 0 | 40,754 | 0 | 1,375,543 | 3.8 |
| 1990 | 226,707 | 0 | 1,096 | 0 | 18,217 | 12,986 | 0 | 33,393 | 400,750 | 1,678 | 0 | 210,744 | 15,341 | 0 | 455 | 0 | 9,340 | 0 | 704,000 | 3.1 |
| 1991 | 190,358 | 0 | 621 | 0 | 2,031 | 57,463 | 0 | 1,728 | 330,834 | 302 | 0 | 105,361 | 630 | 0 | 0 | 0 | 0 | 0 | 498,970 | 2.6 |
| 1992 | 185,825 | 0 | 3,545 | 0 | 20,513 | 78,168 | 0 | 27,471 | 211,959 | 4,666 | 0 | 185,148 | 18,141 | 0 | 0 | 0 | 2,209 | 0 | 551,819 | 3.0 |
| 1993 | 178,391 | 0 | 2,529 | 45 | 12,677 | 41,759 | 0 | 56,178 | 291,218 | 4,831 | 0 | 64,155 | 17,867 | 0 | 256 | 0 | 5,830 | 0 | 497,344 | 2.8 |
| 1994 | 206,071 | 0 | 2,056 | 0 | 23,034 | 17,688 | 0 | 39,741 | 112,849 | 1,048 | 0 | 77,546 | 15,427 | 0 | 187 | 0 | 15,733 | 0 | 305,309 | 1.5 |
| 1995 | 196,323 | 0 | 10,106 | 0 | 59,574 | 39,574 | 0 | 77,223 | 152,287 | 1,251 | 0 | 251,356 | 11,284 | 0 | 815 | 0 | 5,387 | 0 | 608,857 | 3.1 |
| 1996 | 198,695 | 0 | 20,062 | 0 | 41,983 | 22,276 | 0 | 81,667 | 32,786 | 26 | 1,641 | 50,325 | 101 | 0 | 191 | 0 | 201 | 0 | 251,259 | 1.3 |
| 1997 | 205,264 | 0 | 626 | 0 | 8,327 | 1,639 | 0 | 9,831 | 14,560 | 231 | 630 | 15,665 | 2,251 | 0 | 0 | 0 | 0 | 77 | 53,837 | 0.3 |
| 1998 | 233,755 | 0 | 367 | 0 | 1,374 | 24,808 | 0 | 14,710 | 87,861 | 16,454 | 0 | 57,957 | 88,617 | 0 | 366 | 0 | 33,880 | 0 | 326,394 | 1.4 |
| 1999 | 216,565 | 0 | 1,152 | 0 | 3,507 | 136,968 | 0 | 77 | 481,220 | 0 | 0 | 241,075 | 1,299 | 0 | 496 | 0 | 2,090 | 97 | 867,981 | 4.0 |
| 2000 | 158,044 | 0 | 35,476 | 0 | 68,494 | 15,072 | 0 | 219,630 | 107,018 | 0 | 521 | 58,178 | 330 | 0 | 547 | 233 | 289 | 521 | 506,309 | 3.2 |
| 2001 | 154,349 | 0 | 814 | 0 | 21,700 | 557 | 0 | 5,639 | 3,657 | 23,842 | 131 | 11,476 | 29,633 | 293 | 776 | 718 | 81,003 | 1,501 | 181,739 | 1.2 |
| 2002 | 85,317 | 0 | 335 | 0 | 5,659 | 14,124 | 0 | 5,844 | 27,492 | 11,173 | 0 | 44,559 | 35,868 | 0 | 415 | 0 | 29,071 | 153 | 174,694 | 2.0 |
| 2003 | 201,679 | 0 | 3,365 | 0 | 8,565 | 58,042 | 0 | 16,372 | 170,743 | 2,948 | 0 | 81,058 | 31,271 | 0 | 162 | 0 | 1,004 | 0 | 373,528 | 1.9 |
| 2004 | 120,664 | 0 | 14,757 | 0 | 148,241 | 16,861 | 0 | 90,953 | 197,458 | 0 | 250 | 20,896 | 233 | 0 | 175 | 0 | 0 | 0 | 489,822 | 4.1 |
| 2005 | 136,949 | 0 | 1,993 | 0 | 34,005 | 9,131 | 0 | 34,164 | 29,710 | 8,606 | 434 | 36,619 | 3,204 | 90 | 344 | 0 | 506 | 0 | 158,805 | 1.2 |
| 2006 | 89,516 | 0 | 113 | 224 | 5,281 | 58,888 | 0 | 21,506 | 216,074 | 7,610 | 0 | 118,641 | 5,882 | 0 | 716 | 0 | 2,776 | 0 | 437,710 | 4.9 |
| 2007 | 120,185 | 0 | 5,543 | 660 | 13,247 | 68,111 | 0 | 21,217 | 174,630 | 0 | 0 | 91,970 | 630 | 0 | 460 | 0 | 0 | 0 | 376,467 | 3.1 |
| 2008 | 105,363 | 0 | 4,692 | 0 | 46,539 | 3,757 | 0 | 50,437 | 107,059 | 0 | 153 | 45,016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2009 | 101,845 | 499 | 34 | 0 | 11,262 | 5,769 | 492 | 16,454 | 327,480 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2010 | 94,680 | 0 | 612 | 0 | 13,263 | 16,041 | | | | | | | | | | | | | | |
| 2011 | 134,642 | 0 | 477 | | | | | | | | | | | | | | | | | |
| 2012 | 148,884 | | | | | | | | | | | | | | | | | | | |
| 2013 | 136,059 | | | | | | | | | | | | | | | | | | | |
| 2014 | 200,296 | | | | | | | | | | | | | | | | | | | |

10-year average (1998–2007):

389,345

2.7

Table 56.—Upper Station (South Olga Lakes) early-run sockeye salmon estimated catch by area, escapement, and estimated total run by age class, 2014.

| Area | Sample size | Age | | | | | | | | Total | | |
|---|-------------|-----|-----|-------|-------|-------|--------|-------|-----|--------|--|--|
| | | 0.2 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | 3.1 | | | |
| Estimated Upper Station early-run catch by area | | | | | | | | | | | | |
| Olga, Moser, and Alitak Bay gillnet sections (257-40, -43, -41, -42) adjusted 95% for other stocks. | | | | | | | | | | | | |
| 2,115 | Percent | 0.9 | 0.0 | 2.7 | 26.4 | 0.6 | 60.3 | 9.0 | 0.0 | 100.0 | | |
| | Numbers | 46 | 0 | 134 | 1,289 | 30 | 2,950 | 442 | 0 | 4,890 | | |
| Cape Alitak and Humpy-Deadman sections (257-10, -20, -50, -60, -70) adjusted 80% for other stocks. | | | | | | | | | | | | |
| 1,618 | Percent | 0.0 | 0.0 | 5.7 | 15.8 | 0.5 | 62.5 | 15.4 | 0.0 | 100.0 | | |
| | Numbers | 0 | 0 | 162 | 450 | 15 | 1,782 | 440 | 0 | 2,849 | | |
| Total Catch | | | | | | | | | | | | |
| 3,733 | Percent | 0.6 | 0.0 | 3.8 | 22.5 | 0.6 | 61.1 | 11.4 | 0.0 | 100.0 | | |
| | Numbers | 46 | 0 | 295 | 1,739 | 45 | 4,732 | 882 | 0 | 7,739 | | |
| Upper Station early-run escapement | | | | | | | | | | | | |
| 1,535 | Percent | 0.1 | 0.4 | 4.0 | 1.7 | 18.2 | 71.2 | 4.5 | 0.0 | 100.0 | | |
| | Numbers | 34 | 132 | 1,489 | 615 | 6,690 | 26,206 | 1,653 | 4 | 36,823 | | |
| Total run | | | | | | | | | | | | |
| 5,268 | Percent | 0.2 | 0.3 | 4.0 | 5.3 | 15.1 | 69.4 | 5.7 | 0.0 | 100.0 | | |
| | Numbers | 80 | 132 | 1,784 | 2,354 | 6,735 | 30,938 | 2,534 | 4 | 44,562 | | |

Table 57.—Upper Station (South Olga Lakes) early-run sockeye salmon brood table showing estimated returns from parent escapements by age class.

| Brood year | Escap. | Age | | | | | | | | | | | | Total return | Return/spawner | | | |
|------------|---------|-----|-------|--------|--------|---------|--------|-----|--------|---------|-----|-----|--------|--------------|----------------|--------|---------|-----|
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | 3.3 | 2.4 | | |
| 1975 | 10,325 | 0 | 0 | 0 | 0 | 1,458 | 208 | 0 | 6,393 | 14,783 | 0 | 0 | 8,738 | 485 | 0 | 0 | 32,065 | 3.1 |
| 1976 | 28,567 | 0 | 0 | 0 | 133 | 9,722 | 0 | 0 | 10,438 | 47,090 | 0 | 0 | 27,139 | 0 | 0 | 0 | 94,522 | 3.3 |
| 1977 | 26,380 | 0 | 0 | 0 | 0 | 32,041 | 243 | 0 | 48,850 | 94,081 | 0 | 0 | 35,526 | 634 | 0 | 0 | 211,375 | 8.0 |
| 1978 | 66,157 | 0 | 243 | 243 | 1,809 | 28,948 | 0 | 0 | 32,354 | 70,735 | 0 | 0 | 19,660 | 0 | 37 | 0 | 154,029 | 2.3 |
| 1979 | 53,115 | 0 | 0 | 0 | 0 | 4,124 | 0 | 0 | 17,554 | 65,300 | 0 | 46 | 14,870 | 38 | 142 | 0 | 102,074 | 1.9 |
| 1980 | 37,866 | 0 | 317 | 0 | 2,341 | 11,937 | 0 | 0 | 4,000 | 7,165 | 38 | 0 | 7,259 | 0 | 25 | 0 | 33,082 | 0.9 |
| 1981 | 77,042 | 0 | 0 | 0 | 542 | 2,832 | 1,498 | 0 | 4,370 | 85,872 | 0 | 43 | 23,861 | 0 | 0 | 0 | 119,018 | 1.5 |
| 1982 | 170,610 | 0 | 2,472 | 234 | 1,006 | 113,439 | 781 | 0 | 75,684 | 37,220 | 0 | 360 | 18,131 | 70 | 0 | 0 | 249,398 | 1.5 |
| 1983 | 115,890 | 0 | 285 | 1,220 | 1,181 | 5,491 | 1,205 | 0 | 11,396 | 87,555 | 0 | 0 | 41,723 | 217 | 0 | 0 | 150,273 | 1.3 |
| 1984 | 96,798 | 0 | 109 | 0 | 3,443 | 2,118 | 66 | 0 | 1,792 | 46,879 | 0 | 0 | 14,103 | 113 | 60 | 0 | 68,683 | 0.7 |
| 1985 | 27,408 | 0 | 1,476 | 4 | 2,865 | 2,314 | 22,466 | 0 | 6,714 | 86,949 | 0 | 0 | 42,895 | 633 | 64 | 0 | 166,380 | 6.1 |
| 1986 | 100,812 | 0 | 35 | 5,680 | 449 | 51,361 | 936 | 0 | 36,048 | 83,179 | 60 | 18 | 8,248 | 340 | 408 | 0 | 186,763 | 1.9 |
| 1987 | 74,747 | 0 | 2,134 | 46 | 1,022 | 2,027 | 3,849 | 0 | 726 | 30,417 | 27 | 0 | 25,242 | 779 | 57 | 0 | 66,326 | 0.9 |
| 1988 | 56,724 | 0 | 17 | 0 | 71 | 82 | 852 | 0 | 1,607 | 35,640 | 210 | 206 | 7,282 | 1,072 | 0 | 0 | 47,038 | 0.8 |
| 1989 | 64,582 | 0 | 450 | 404 | 5,823 | 8,751 | 6,313 | 0 | 5,539 | 67,810 | 0 | 0 | 34,127 | 0 | 0 | 0 | 129,217 | 2.0 |
| 1990 | 56,159 | 0 | 1,497 | 578 | 0 | 6,275 | 3,414 | 0 | 19,145 | 82,269 | 0 | 0 | 6,839 | 361 | 6 | 0 | 120,384 | 2.1 |
| 1991 | 50,026 | 0 | 407 | 3,258 | 20,467 | 46,391 | 6,815 | 0 | 57,478 | 131,931 | 0 | 0 | 27,274 | 0 | 0 | 0 | 294,021 | 5.9 |
| 1992 | 19,076 | 52 | 2,338 | 223 | 5,878 | 5,959 | 3,583 | 0 | 3,435 | 24,099 | 0 | 0 | 7,268 | 0 | 0 | 0 | 52,835 | 2.8 |
| 1993 | 34,852 | 219 | 669 | 605 | 2,423 | 5,189 | 2,741 | 0 | 11,812 | 31,749 | 0 | 0 | 5,168 | 1,229 | 0 | 62 | 61,866 | 1.8 |
| 1994 | 37,645 | 0 | 229 | 994 | 4,887 | 53,607 | 1,320 | 0 | 7,176 | 33,104 | 0 | 0 | 17,361 | 570 | 0 | 0 | 119,248 | 3.2 |
| 1995 | 41,492 | 0 | 185 | 2,467 | 5,857 | 33,691 | 1,497 | 360 | 44,415 | 44,608 | 0 | 492 | 20,938 | 689 | 92 | 0 | 155,291 | 3.7 |
| 1996 | 58,686 | 0 | 79 | 177 | 2,723 | 30,487 | 1,973 | 0 | 81,164 | 51,987 | 4 | 25 | 15,238 | 281 | 0 | 0 | 184,138 | 3.1 |
| 1997 | 47,655 | 0 | 422 | 45 | 0 | 972 | 2,438 | 0 | 558 | 11,566 | 34 | 0 | 7,233 | 795 | 2,006 | 0 | 26,069 | 0.5 |
| 1998 | 30,713 | 0 | 0 | 6 | 0 | 145 | 6,264 | 0 | 418 | 45,950 | 0 | 0 | 16,490 | 8 | 0 | 0 | 69,281 | 2.3 |
| 1999 | 36,521 | 0 | 0 | 2,598 | 328 | 27,894 | 6,080 | 0 | 34,497 | 81,382 | 0 | 360 | 38,405 | 626 | 28 | 0 | 192,198 | 5.3 |
| 2000 | 55,761 | 0 | 780 | 10,912 | 7,338 | 122,434 | 2,623 | 69 | 59,315 | 40,862 | 69 | 121 | 9,843 | 139 | 235 | 28 | 254,768 | 4.6 |
| 2001 | 66,795 | 0 | 1,131 | 1,123 | 3,856 | 6,472 | 5,116 | 0 | 4,335 | 15,475 | 0 | 24 | 13,764 | 0 | 0 | 0 | 51,298 | 0.8 |
| 2002 | 36,802 | 82 | 532 | 382 | 574 | 1,295 | 42 | 36 | 4,890 | 2,815 | 0 | 0 | 8,604 | 0 | 0 | 36 | 19,289 | 0.5 |
| 2003 | 76,175 | 0 | 75 | 502 | 88 | 10,903 | 3,245 | 0 | 9,334 | 34,250 | 0 | 106 | 13,258 | 86 | 0 | 0 | 71,846 | 0.9 |
| 2004 | 78,487 | 0 | 191 | 1,553 | 6,398 | 36,836 | 3,258 | 0 | 25,750 | 32,372 | 0 | 0 | 4,211 | 0 | 0 | 0 | 110,570 | 1.4 |
| 2005 | 60,349 | 0 | 233 | 281 | 0 | 5,884 | 3,446 | 0 | 3,904 | 42,706 | 64 | 0 | 9,733 | 130 | 0 | 2 | 66,385 | 1.1 |
| 2006 | 24,997 | 0 | 0 | 269 | 0 | 1,815 | 2,367 | 0 | 4,513 | 24,439 | 5 | 28 | 14,943 | 620 | 0 | 4 | 49,002 | 2.0 |
| 2007 | 31,895 | 0 | 71 | 26 | 136 | 3,578 | 4,849 | 0 | 3,112 | 28,723 | 0 | 16 | 16,845 | 0 | 0 | 57,358 | 1.8 | |
| 2008 | 38,800 | 0 | 0 | 978 | 52 | 10,317 | 2,056 | 0 | 10,744 | 21,686 | 5 | 0 | 2,534 | | | | | |
| 2009 | 34,585 | 0 | 108 | 226 | 2,346 | 2,774 | 2,782 | 0 | 2,354 | 30,938 | 4 | | | | | | | |
| 2010 | 42,060 | 0 | 0 | 228 | | 1,784 | 6,735 | | | | | | | | | | | |
| 2011 | 28,759 | 0 | 80 | 132 | | | | | | | | | | | | | | |
| 2012 | 25,487 | | | | | | | | | | | | | | | | | |

-continued-

Table 57.—Page 2 of 2.

| Brood year | Escap. | Age | | | | | | | | | | | | Total return | Return/ spawner |
|------------------------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----------------|--------------------|
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | 3.3 |
| 2013 | 27,712 | | | | | | | | | | | | | | |
| 2014 | 36,823 | | | | | | | | | | | | | | |
| 10-year average (1998–2007): | | | | | | | | | | | | | 94,199 | 2.1 | |

Table 58.—Upper Station (South Olga Lakes) late-run sockeye salmon estimated catch by area, escapement, and estimated total run by age class, 2014.

| Area | Sample size | Age | | | | | | | | Total | | |
|---|-------------|---------|-----|-----|-------|-------|-------|---------|-------|---------|-------|--|
| | | 0.2 | 0.3 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | | | |
| Estimated Upper Station late-run catch by area | | | | | | | | | | | | |
| Olga, Moser, and Alitak Bay gillnet sections (257-40, -43, -41, -42) adjusted 95% for other stocks. | | | | | | | | | | | | |
| 2,115 | Percent | 0.0 | 0.0 | 0.0 | 2.3 | 13.1 | 0.9 | 66.6 | 17.2 | 100.0 | | |
| | Numbers | 0 | 0 | 0 | 217 | 1,219 | 81 | 6,216 | 1,601 | 9,334 | | |
| Cape Alitak and Humpy-Deadman sections (257-10, -20, -50, -60, -70) adjusted 80% for other stocks. | | | | | | | | | | | | |
| 1,618 | Percent | 0.0 | 0.6 | 0.0 | 9.0 | 12.3 | 0.0 | 65.7 | 12.4 | 100.0 | | |
| | Numbers | 0 | 21 | 0 | 298 | 407 | 1 | 2,171 | 409 | 3,307 | | |
| Total Catch | 3,733 | 0.0 | 0.2 | 0.0 | 4.1 | 12.9 | 0.7 | 66.4 | 15.9 | 100.0 | | |
| | | 0 | 21 | 0 | 515 | 1,626 | 82 | 8,387 | 2,010 | 12,641 | | |
| Upper Station late-run escapement | | | | | | | | | | | | |
| 1,529 | Percent | 0.0 | 0.0 | 0.3 | 4.9 | 1.3 | 1.7 | 89.8 | 2.0 | 100.0 | | |
| | Numbers | 7 | 17 | 533 | 8,865 | 2,316 | 3,163 | 162,881 | 3,630 | 181,411 | | |
| Total run | 5,262 | Percent | 0.0 | 0.0 | 0.3 | 4.8 | 2.0 | 1.7 | 88.3 | 2.9 | 100.0 | |
| | Numbers | 7 | 38 | 533 | 9,380 | 3,942 | 3,245 | 171,268 | 5,639 | 194,052 | | |

Table 59.—Upper Station (South Olga Lakes) late-run sockeye salmon brood table showing estimated returns from parent escapements by age class.

| Brood year | Escap. | Age | | | | | | | | | | | | | Total return | Return/spawner | | |
|------------|---------|-------|---------|-------|---------|---------|--------|-------|---------|---------|--------|-----|--------|--------|--------------|----------------|-----------|------|
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | 3.3 | 2.4 | | |
| 1975 | 74,456 | 901 | 3,021 | 0 | 0 | 61,142 | 1,132 | 0 | 36,479 | 76,157 | 0 | 0 | 5,228 | 0 | 0 | 0 | 184,060 | 2.5 |
| 1976 | 48,650 | 0 | 10,190 | 0 | 36,479 | 38,399 | 2,560 | 0 | 11,501 | 141,154 | 0 | 0 | 10,336 | 940 | 0 | 0 | 251,559 | 5.2 |
| 1977 | 49,001 | 0 | 640 | 0 | 3,137 | 52,279 | 1,046 | 0 | 66,714 | 312,897 | 0 | 0 | 9,732 | 0 | 0 | 0 | 446,444 | 9.1 |
| 1978 | 38,126 | 0 | 82,601 | 1,046 | 90,205 | 134,367 | 4,698 | 0 | 55,146 | 217,342 | 0 | 0 | 26,755 | 2,638 | 0 | 0 | 614,798 | 16.1 |
| 1979 | 134,579 | 0 | 31,947 | 0 | 63,256 | 71,366 | 0 | 0 | 103,020 | 339,950 | 0 | 736 | 10,850 | 360 | 280 | 0 | 621,765 | 4.6 |
| 1980 | 77,718 | 0 | 124,890 | 0 | 56,178 | 35,951 | 2,131 | 0 | 21,758 | 55,472 | 399 | 0 | 16,555 | 965 | 223 | 0 | 314,522 | 4.0 |
| 1981 | 118,900 | 0 | 1,294 | 0 | 17,853 | 157,249 | 12,280 | 1,007 | 149,158 | 345,506 | 0 | 0 | 14,809 | 0 | 0 | 879 | 700,035 | 5.9 |
| 1982 | 306,161 | 0 | 644,017 | 5,129 | 324,600 | 364,312 | 5,029 | 117 | 92,824 | 231,963 | 0 | 0 | 5,168 | 2,042 | 0 | 0 | 1,675,201 | 5.5 |
| 1983 | 179,741 | 4,867 | 182,514 | 0 | 135,177 | 23,242 | 1,682 | 0 | 53,195 | 92,799 | 0 | 0 | 30,036 | 0 | 1,488 | 0 | 525,000 | 2.9 |
| 1984 | 239,608 | 3,012 | 37,733 | 528 | 89,721 | 187,451 | 5,064 | 0 | 21,543 | 224,033 | 0 | 0 | 23,712 | 4,642 | 0 | 0 | 597,438 | 2.5 |
| 1985 | 408,409 | 2,313 | 562,757 | 1,958 | 309,775 | 34,924 | 12,374 | 0 | 40,759 | 179,839 | 0 | 578 | 45,289 | 6,140 | 0 | 0 | 1,196,706 | 2.9 |
| 1986 | 367,922 | 1,449 | 72,415 | 1,953 | 94,380 | 291,815 | 5,610 | 678 | 116,039 | 451,917 | 0 | 0 | 17,721 | 1,579 | 1,289 | 6 | 1,056,851 | 2.9 |
| 1987 | 156,274 | 0 | 68,016 | 495 | 113,821 | 12,899 | 127 | 0 | 17,053 | 104,995 | 0 | 225 | 27,470 | 15,072 | 39 | 0 | 360,212 | 2.3 |
| 1988 | 247,647 | 0 | 9,222 | 216 | 27,793 | 76,583 | 1,000 | 0 | 71,330 | 80,102 | 177 | 133 | 4,037 | 1,244 | 0 | 0 | 271,836 | 1.1 |
| 1989 | 221,706 | 401 | 169,158 | 1,125 | 85,530 | 83,807 | 12,864 | 142 | 53,928 | 184,067 | 308 | 0 | 21,693 | 0 | 0 | 0 | 613,023 | 2.8 |
| 1990 | 198,287 | 1,432 | 56,992 | 3,904 | 115,907 | 27,747 | 7,728 | 444 | 17,591 | 237,284 | 0 | 0 | 4,315 | 0 | 67 | 0 | 473,411 | 2.4 |
| 1991 | 242,860 | 6,744 | 51,810 | 4,858 | 163,283 | 73,541 | 6,484 | 160 | 44,507 | 712,676 | 31 | 0 | 20,546 | 0 | 0 | 0 | 1,084,640 | 4.5 |
| 1992 | 199,067 | 4,913 | 61,018 | 1,108 | 15,733 | 58,923 | 12,611 | 79 | 6,302 | 279,349 | 0 | 0 | 7,189 | 156 | 192 | 26 | 447,599 | 2.2 |
| 1993 | 187,229 | 5,186 | 46,015 | 5,688 | 114,817 | 35,842 | 45,256 | 444 | 10,769 | 199,820 | 191 | 278 | 27,883 | 5,350 | 0 | 0 | 497,539 | 2.7 |
| 1994 | 221,675 | 1,417 | 10,206 | 6,322 | 23,167 | 90,488 | 17,439 | 44 | 25,603 | 293,322 | 80 | 0 | 6,069 | 968 | 0 | 0 | 475,125 | 2.1 |
| 1995 | 203,659 | 233 | 3,020 | 3,340 | 3,349 | 179,562 | 24,492 | 0 | 13,017 | 251,855 | 0 | 254 | 14,264 | 307 | 247 | 20 | 493,960 | 2.4 |
| 1996 | 235,727 | 277 | 1,972 | 6,536 | 1,335 | 35,606 | 4,057 | 0 | 15,478 | 88,856 | 121 | 1 | 4,856 | 2,282 | 0 | 1,500 | 162,877 | 0.7 |
| 1997 | 230,793 | 0 | 347 | 0 | 916 | 2,842 | 11,901 | 0 | 1,932 | 129,206 | 1,984 | 130 | 8,502 | 17,554 | 1,942 | 0 | 177,256 | 0.8 |
| 1998 | 171,214 | 0 | 0 | 89 | 0 | 2,511 | 13,979 | 0 | 3,281 | 219,890 | 25,325 | 0 | 13,190 | 890 | 0 | 0 | 279,155 | 1.6 |
| 1999 | 210,016 | 0 | 279 | 2,323 | 672 | 80,315 | 15,939 | 0 | 20,091 | 313,886 | 19 | 346 | 40,906 | 5,360 | 465 | 9 | 480,610 | 2.3 |
| 2000 | 176,783 | 96 | 34,433 | 5,197 | 36,394 | 122,248 | 4,045 | 98 | 30,388 | 181,491 | 0 | 31 | 16,677 | 986 | 187 | 165 | 432,436 | 2.4 |
| 2001 | 74,408 | 0 | 522 | 215 | 1,701 | 5,696 | 8,310 | 0 | 7,078 | 77,172 | 0 | 78 | 9,900 | 300 | 0 | 0 | 110,971 | 1.5 |
| 2002 | 150,349 | 411 | 2,421 | 3,965 | 7,179 | 94,543 | 8,085 | 0 | 21,609 | 95,473 | 0 | 0 | 13,730 | 0 | 0 | 235 | 247,650 | 1.6 |
| 2003 | 200,894 | 43 | 888 | 1,667 | 337 | 51,307 | 7,446 | 0 | 16,131 | 256,511 | 0 | 357 | 15,308 | 548 | 0 | 0 | 350,545 | 1.7 |
| 2004 | 177,108 | 669 | 5,264 | 1,535 | 24,845 | 99,160 | 7,094 | 0 | 29,761 | 255,957 | 181 | 0 | 5,577 | 1,457 | 185 | 0 | 431,685 | 2.4 |
| 2005 | 156,401 | 139 | 2,828 | 2,423 | 3,067 | 20,933 | 20,082 | 0 | 6,256 | 171,458 | 153 | 0 | 8,694 | 3,150 | 0 | 4 | 239,187 | 1.5 |
| 2006 | 153,153 | 0 | 931 | 1,561 | 177 | 10,327 | 8,207 | 0 | 5,267 | 126,317 | 182 | 74 | 3,988 | 6,115 | 531 | 0 | 163,678 | 1.1 |
| 2007 | 149,709 | 218 | 59 | 787 | 287 | 12,235 | 11,858 | 0 | 10,286 | 140,872 | 46 | 277 | 8,838 | 241 | 0 | 0 | 186,005 | 1.2 |
| 2008 | 184,856 | 0 | 0 | 2,217 | 349 | 40,340 | 7,761 | 0 | 10,196 | 105,047 | 943 | 0 | 5,639 | 0 | 0 | 0 | 186,005 | 1.2 |
| 2009 | 161,736 | 376 | 2,236 | 1,527 | 5,796 | 8,546 | 16,773 | 0 | 3,942 | 171,268 | 0 | | | | | | | |
| 2010 | 141,139 | 58 | 0 | 2,066 | 38 | 9,380 | 3,245 | | | | | | | | | | | |
| 2011 | 101,893 | 149 | 7 | 533 | | | | | | | | | | | | | | |
| 2012 | 149,325 | 0 | | | | | | | | | | | | | | | | |

-continued-

Table 59.–Page 2 of 2.

| Brood year | Escap. | Age | | | | | | | | | | | | Total return | Return/ spawner |
|---------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------------|-----------------|--------------------|
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | 3.3 |
| 2013 | 125,573 | | | | | | | | | | | | | | |
| 2014 | 181,411 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 10-year average (1998–2007): | 292,192 | 1.8 |

Table 60.-Kodiak Salmon Test Fishery Summary, 2014.

| Set # | Date | Start time | Area | Weather | Wind | Seas | Duration | Tide status | Catch | | |
|-------|----------|------------|-----------|---------|------|------|------------|-------------|---------|-------|---------|
| | | | | | | | | | Sockeye | Chum | Chinook |
| 1 | 6/3/2014 | 5:47 AM | Cape Uyak | Clear | V10 | 1 ft | 30 minutes | flood | 489 | 3 | 0 |
| 2 | 6/3/2014 | 6:45 AM | Cape Uyak | Clear | V10 | 1 ft | 30 minutes | ebb | 432 | 1 | 0 |
| 3 | 6/3/2014 | 7:41 AM | Cape Uyak | Clear | V10 | 1 ft | 30 minutes | ebb | 174 | 1 | 0 |
| 4 | 6/3/2014 | 8:32 AM | Cape Uyak | Clear | V10 | 1 ft | 30 minutes | ebb | 532 | 0 | 0 |
| 5 | 6/3/2014 | 11:05 AM | Cape Uyak | Clear | V10 | 1 ft | 30 minutes | ebb | 157 | 3 | 0 |
| 6 | 6/3/2014 | 1:27 PM | Cape Uyak | Clear | V10 | 1 ft | 30 minutes | flood | 375 | 0 | 0 |
| 7 | 6/3/2014 | 2:27 PM | Cape Uyak | Clear | V10 | 1 ft | 30 minutes | flood | 500 | 0 | 0 |
| 8 | 6/4/2014 | 4:15 AM | Cape Uyak | Clear | W15 | 1 ft | 30 minutes | flood | 140 | 1 | 0 |
| 9 | 6/4/2014 | 5:04 AM | Cape Uyak | Clear | W15 | 1 ft | 30 minutes | flood | 900 | 0 | 0 |
| 10 | 6/4/2014 | 5:55 AM | Cape Uyak | Clear | W15 | 1 ft | 30 minutes | flood | 450 | 0 | 0 |
| 11 | 6/4/2014 | 6:47 AM | Cape Uyak | Clear | W15 | 1 ft | 30 minutes | flood-high | 700 | 0 | 0 |
| 12 | 6/4/2014 | 7:35 AM | Cape Uyak | Clear | W15 | 1 ft | 30 minutes | ebb | 1100 | 0 | 0 |
| 13 | 6/4/2014 | 8:32 AM | Cape Uyak | Clear | W15 | 1 ft | 30 minutes | ebb | 437 | 1 | 0 |
| 14 | 6/4/2014 | 9:31 AM | Cape Uyak | Clear | W15 | 1 ft | 23 minutes | ebb | 502 | 0 | 1 |
| 15 | 6/4/2014 | 10:22 AM | Cape Uyak | Clear | W15 | 1 ft | 24 minutes | ebb | 497 | 0 | 0 |
| | | | | | | | | | Total: | 7,385 | 10 |
| | | | | | | | | | | 1 | |

Note: Chinook salmon were immediately released back into the water. The number of fish in the table differs from the fish ticket numbers. The number of fish on the fish ticket are determined using average weights from a subsample of fish. The number presented in this table are based on the number of fish counted by department staff aboard the test fishery vessel.

Table 61.—Estimated age composition of the Kodiak Salmon Test Fishery sockeye salmon catch (statistical area: 255-20), 2014.

| Statistical week | Sample size | | Age | | | | | | | | | | Total |
|------------------|-------------|---------|-----|-----|------|-----|-----|-------|------|-----|-----|-----|-------|
| | | | 0.3 | 1.1 | 1.2 | 1.3 | 2.1 | 2.2 | 2.3 | 2.4 | 3.2 | 3.3 | |
| 23 5/31–6/6 | 393 | Percent | 0.3 | 0.5 | 25.4 | 8.4 | 4.6 | 43.0 | 16.8 | 0.3 | 0.5 | 0.3 | 100.0 |
| | | Numbers | 10 | 20 | 995 | 328 | 179 | 1,681 | 656 | 10 | 20 | 10 | 3,909 |
| Total | 393 | Percent | 0.3 | 0.5 | 25.4 | 8.4 | 4.6 | 43.0 | 16.8 | 0.3 | 0.5 | 0.3 | 100.0 |
| | | Numbers | 10 | 20 | 995 | 328 | 179 | 1,681 | 656 | 10 | 20 | 10 | 3,909 |

Note: The number of fish in this table is from the fish ticket numbers. The number of fish on the fish ticket are determined using average weights from a subsample of fish. This number is different than the number of fish counted by department staff aboard the test fishery vessel.

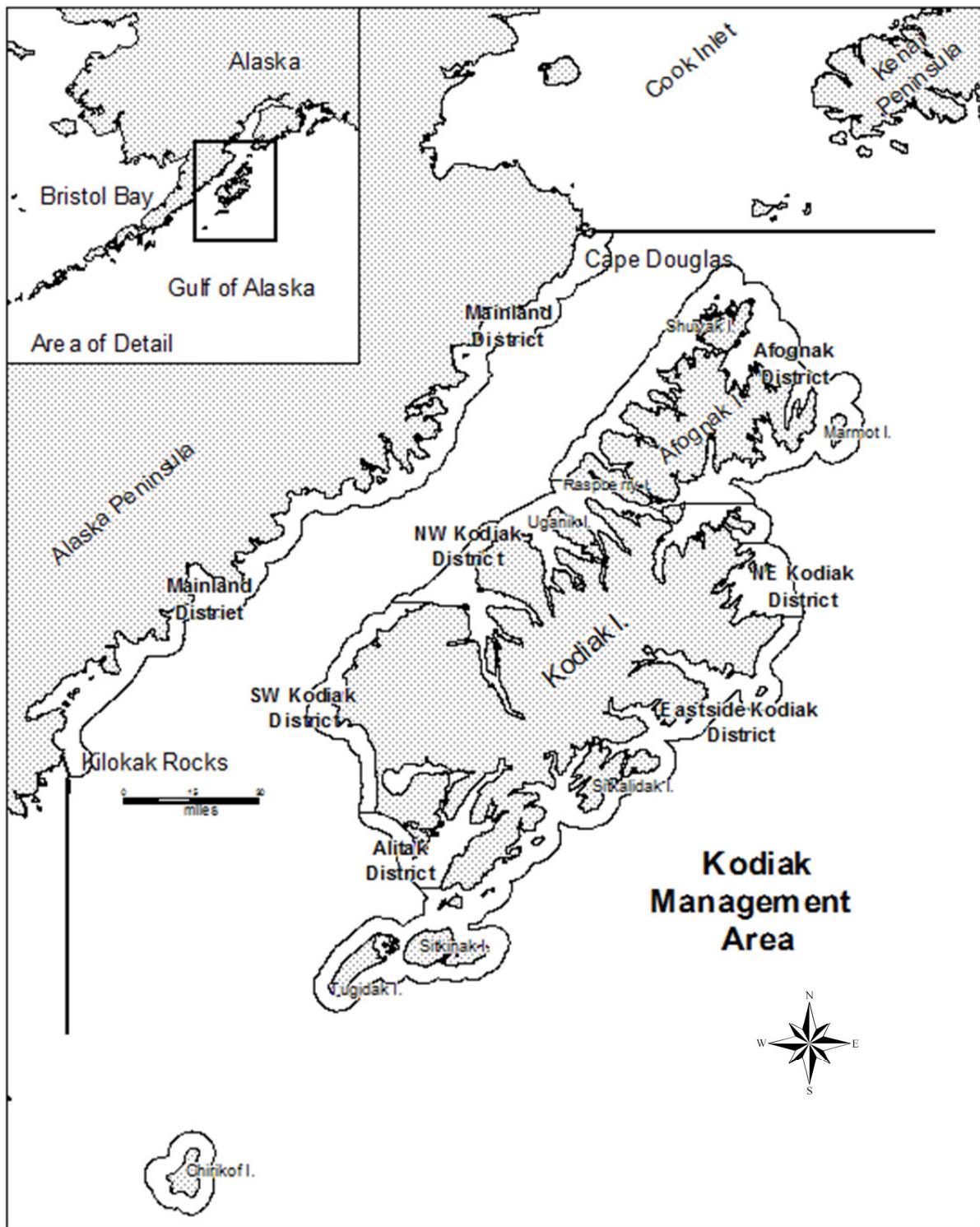


Figure 1.—Kodiak Management Area commercial salmon fishing districts.

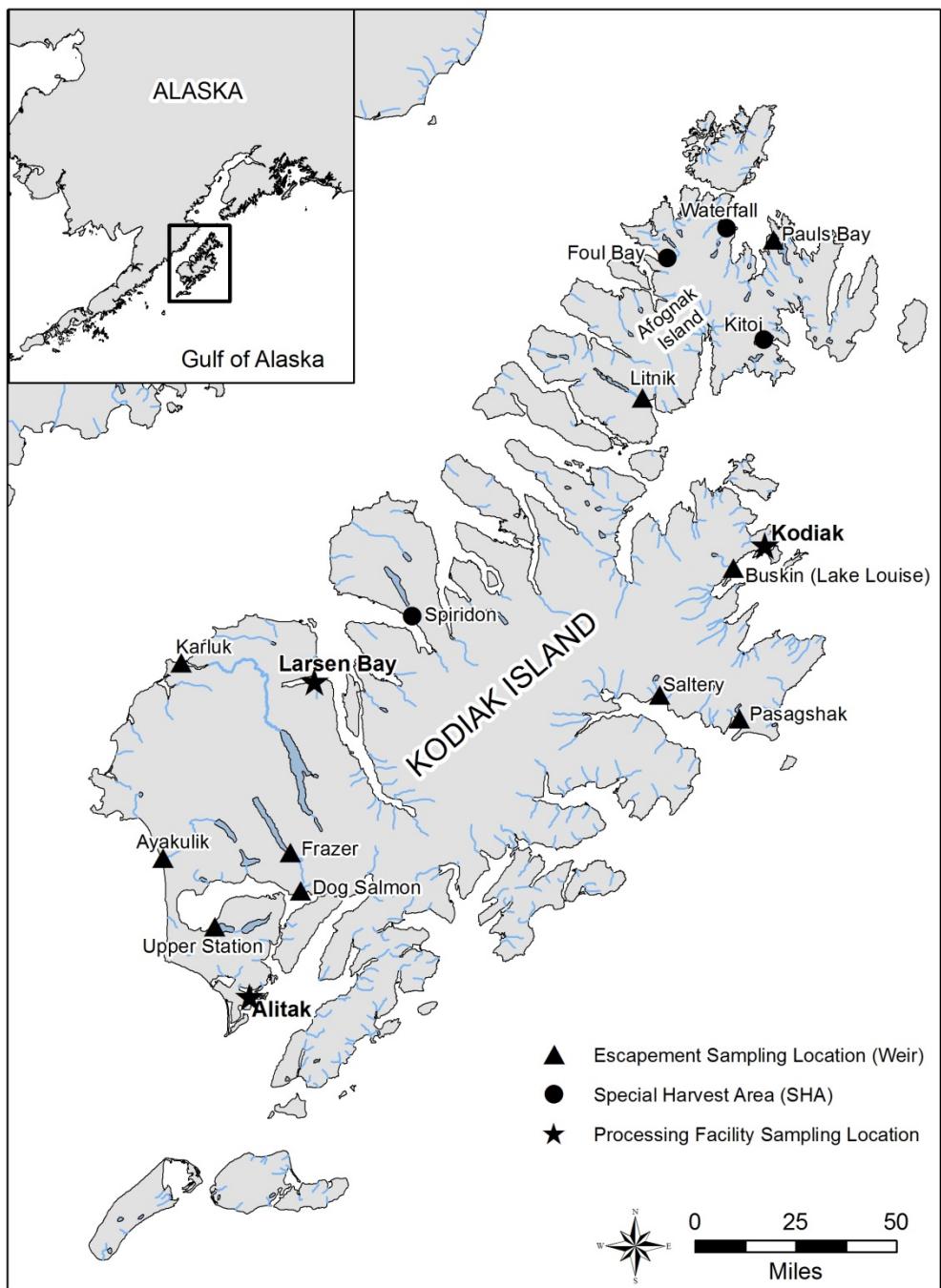


Figure 2.—Salmon escapement, special harvest areas, and processing facility sampling locations in the Kodiak Management Area.

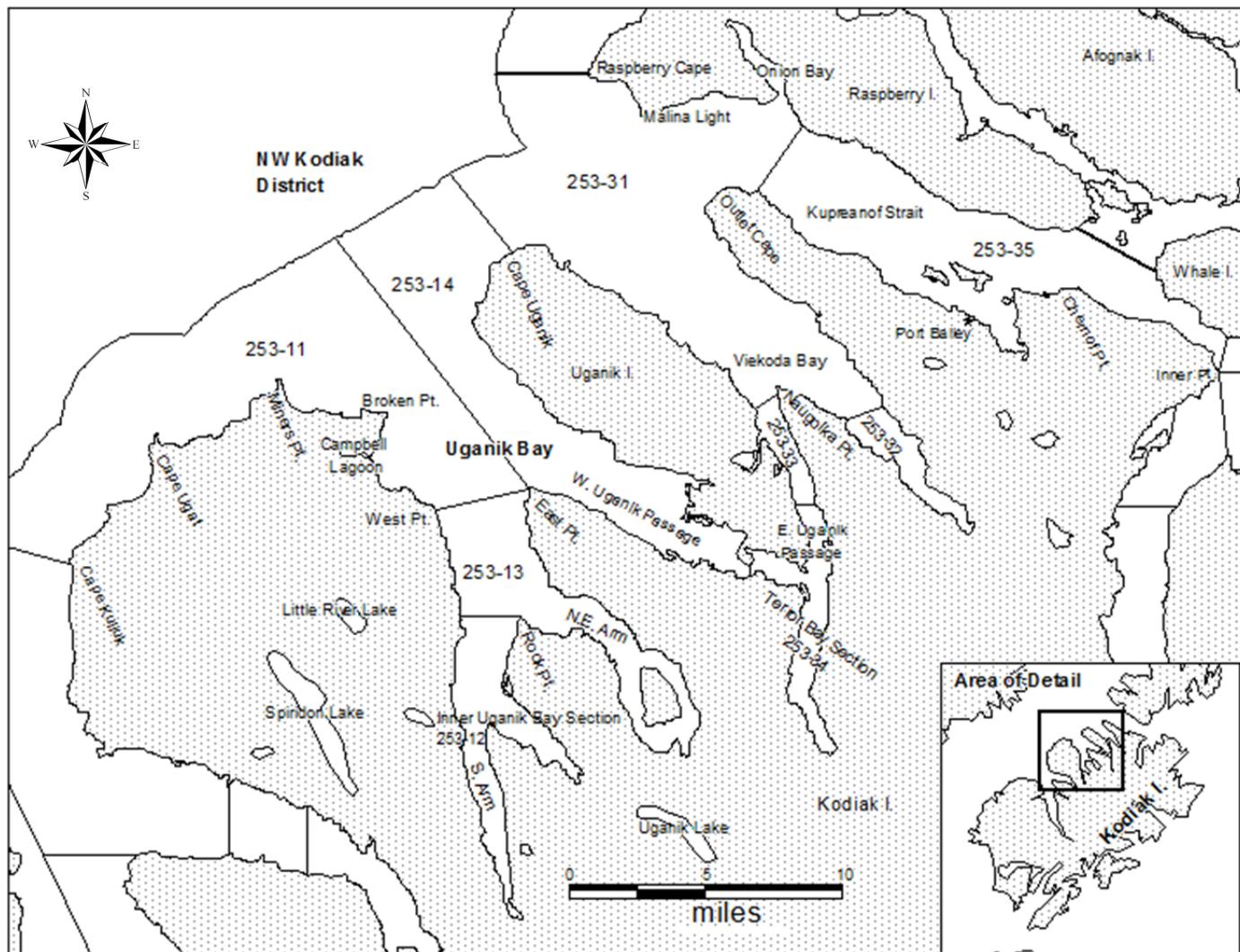


Figure 3.—Kodiak Management Area commercial salmon statistical areas sampled to represent Uganik/Viekoda/Kupreanof harvest within the Northwest Kodiak District.

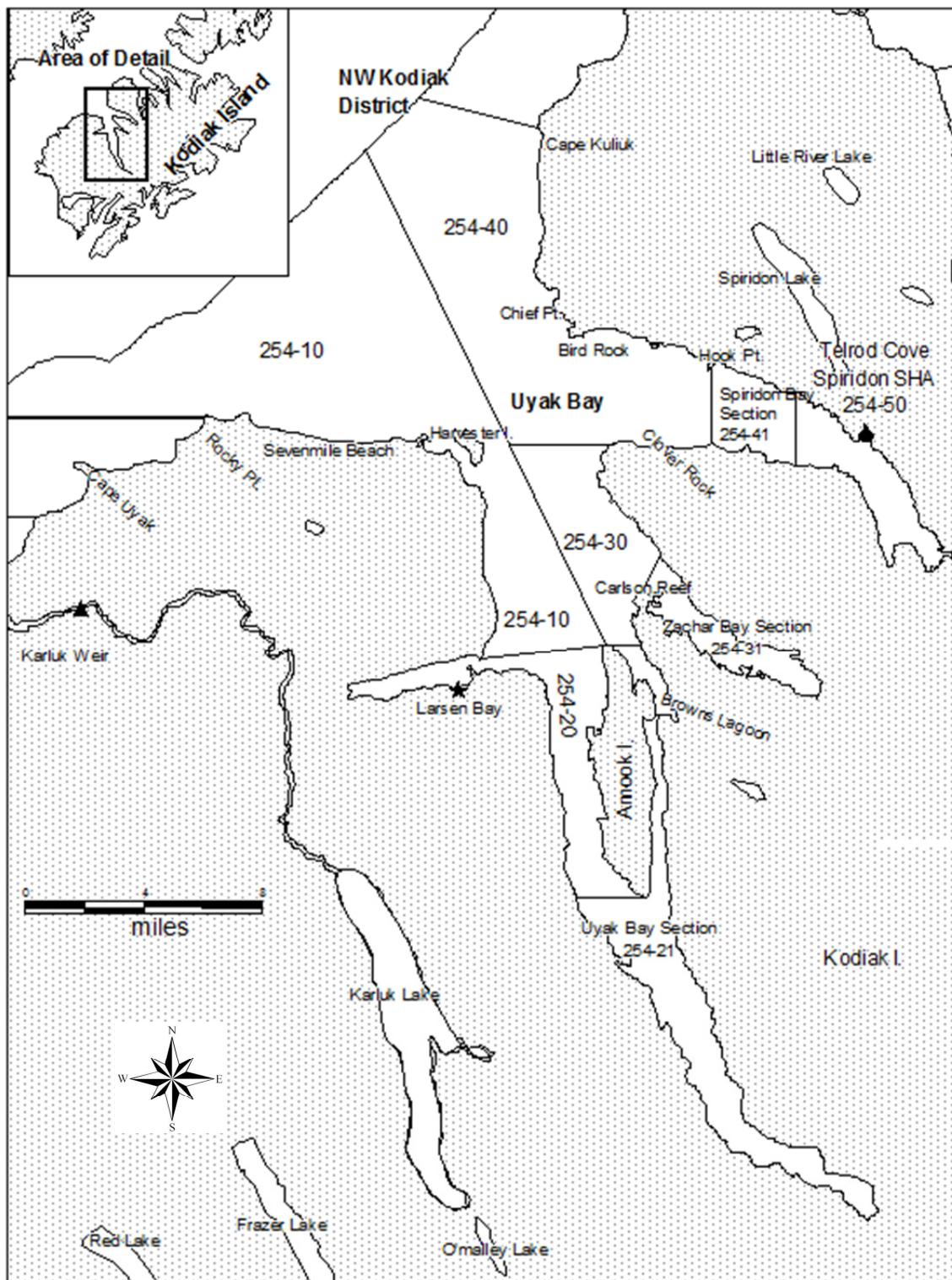


Figure 4.—Kodiak Management Area commercial salmon statistical areas sampled to represent Uyak Bay harvest within the Northwest Kodiak District.

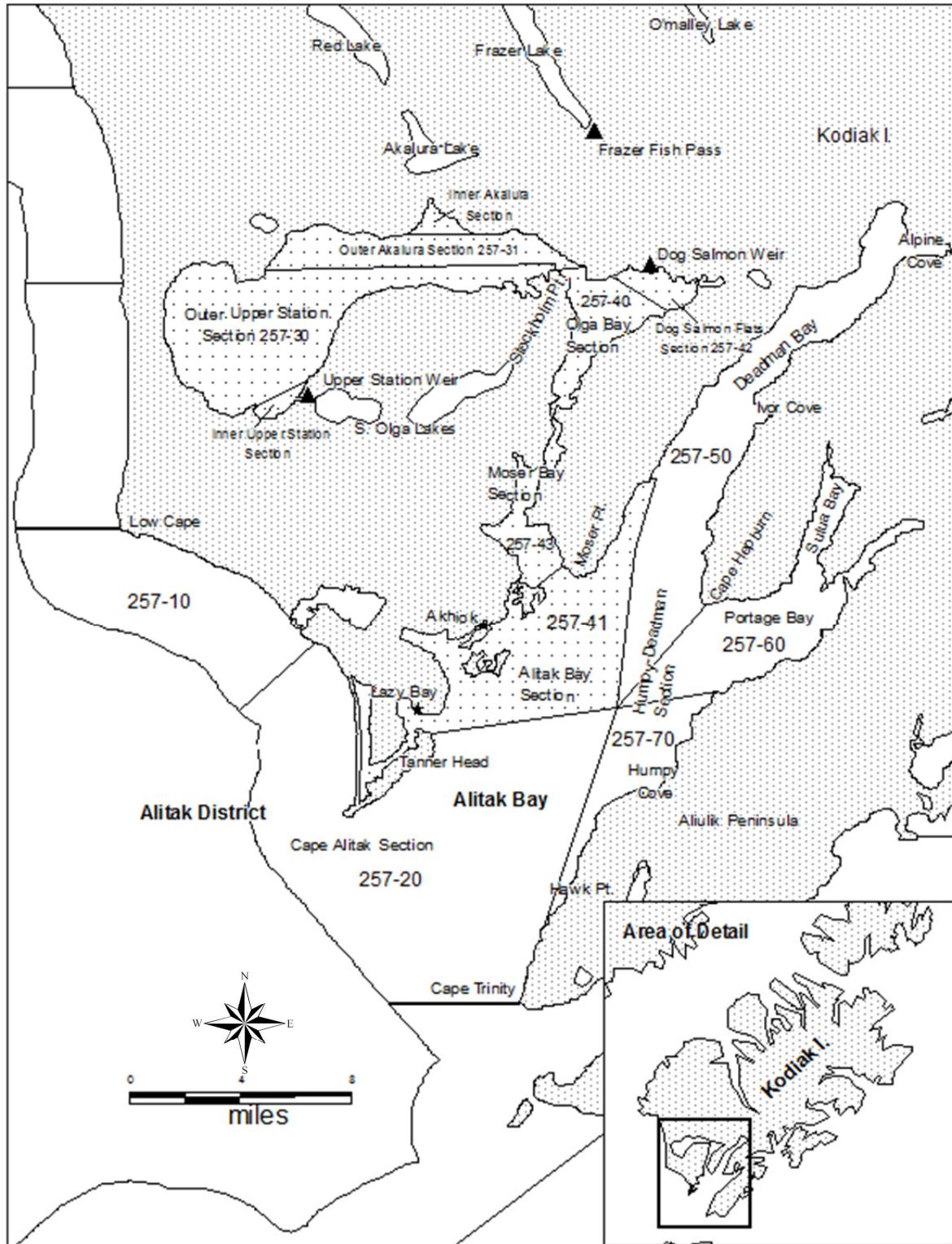


Figure 5.—Kodiak Management Area commercial salmon statistical areas sampled to represent Moser/Olga gillnet (dotted) and Alitak seine area harvest.

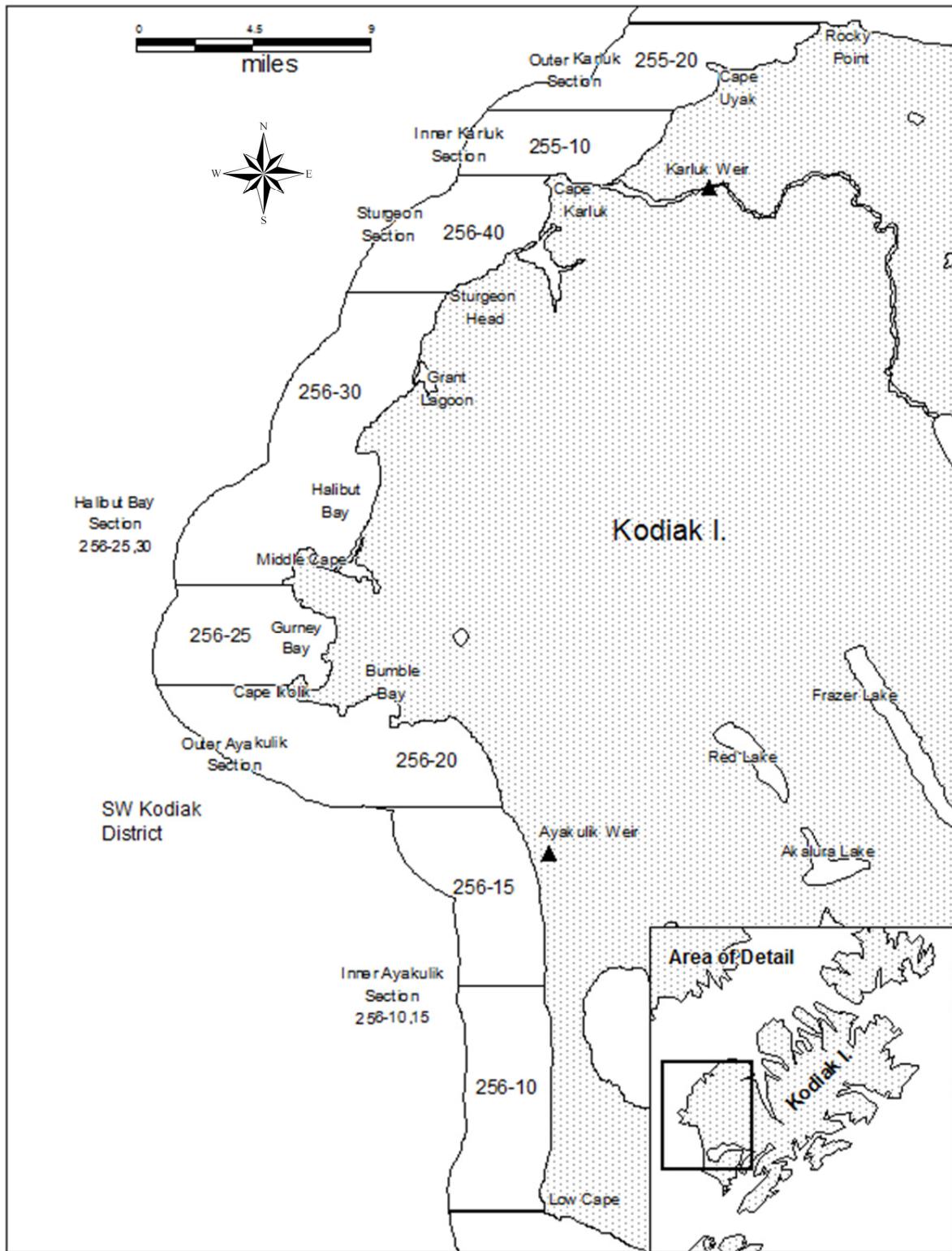


Figure 6.—Kodiak Management Area commercial salmon statistical areas sampled to represent the Southwest Kodiak District (Karluk/Sturgeon, Halibut/Gurney bays, and Ayakulik areas) harvests.

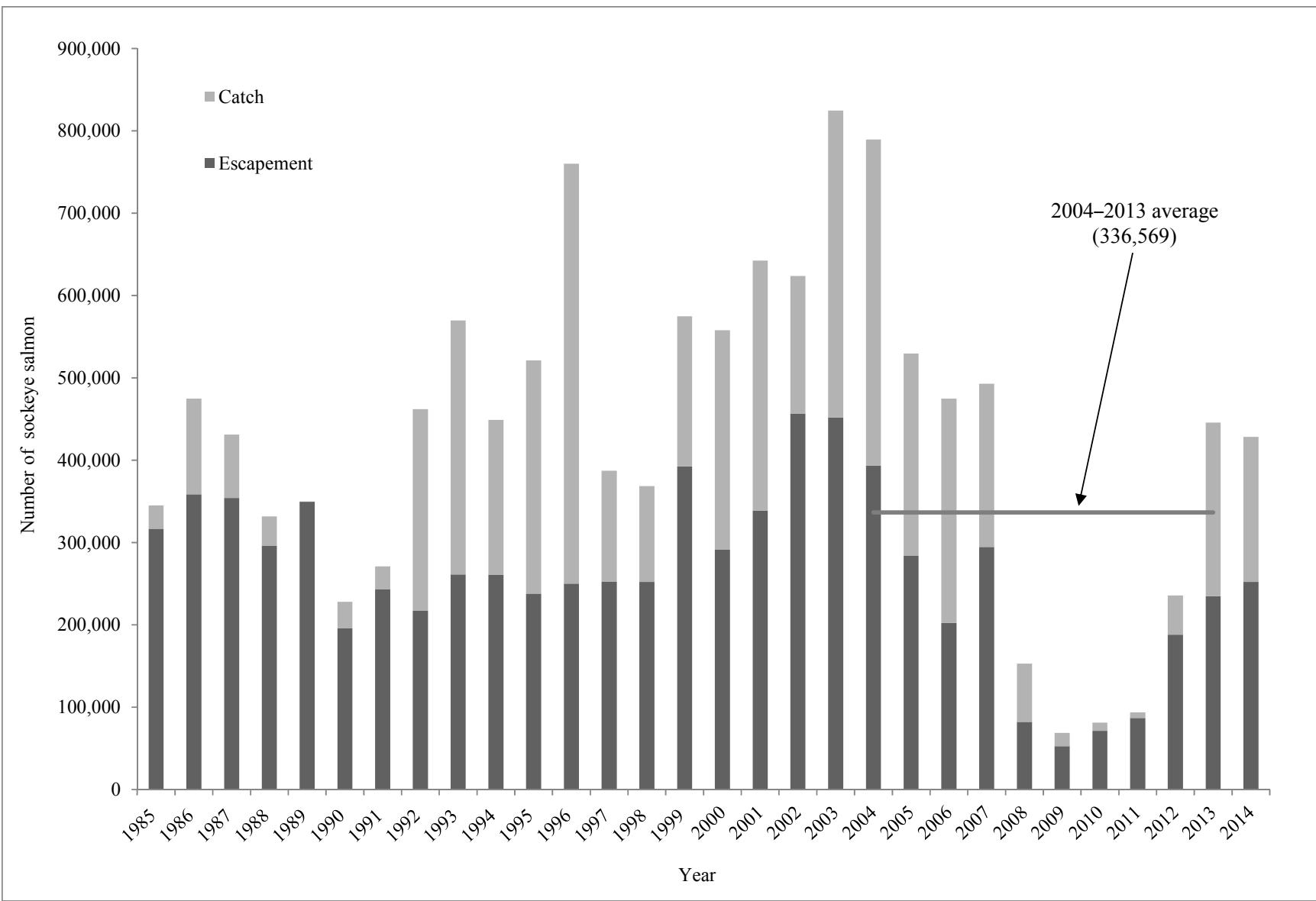


Figure 7.—Karluk Lake early-run sockeye salmon escapement and catch estimates, 1985–2014, and the recent 10-year average estimated total run (average catch and escapement combined, 2004–2013).

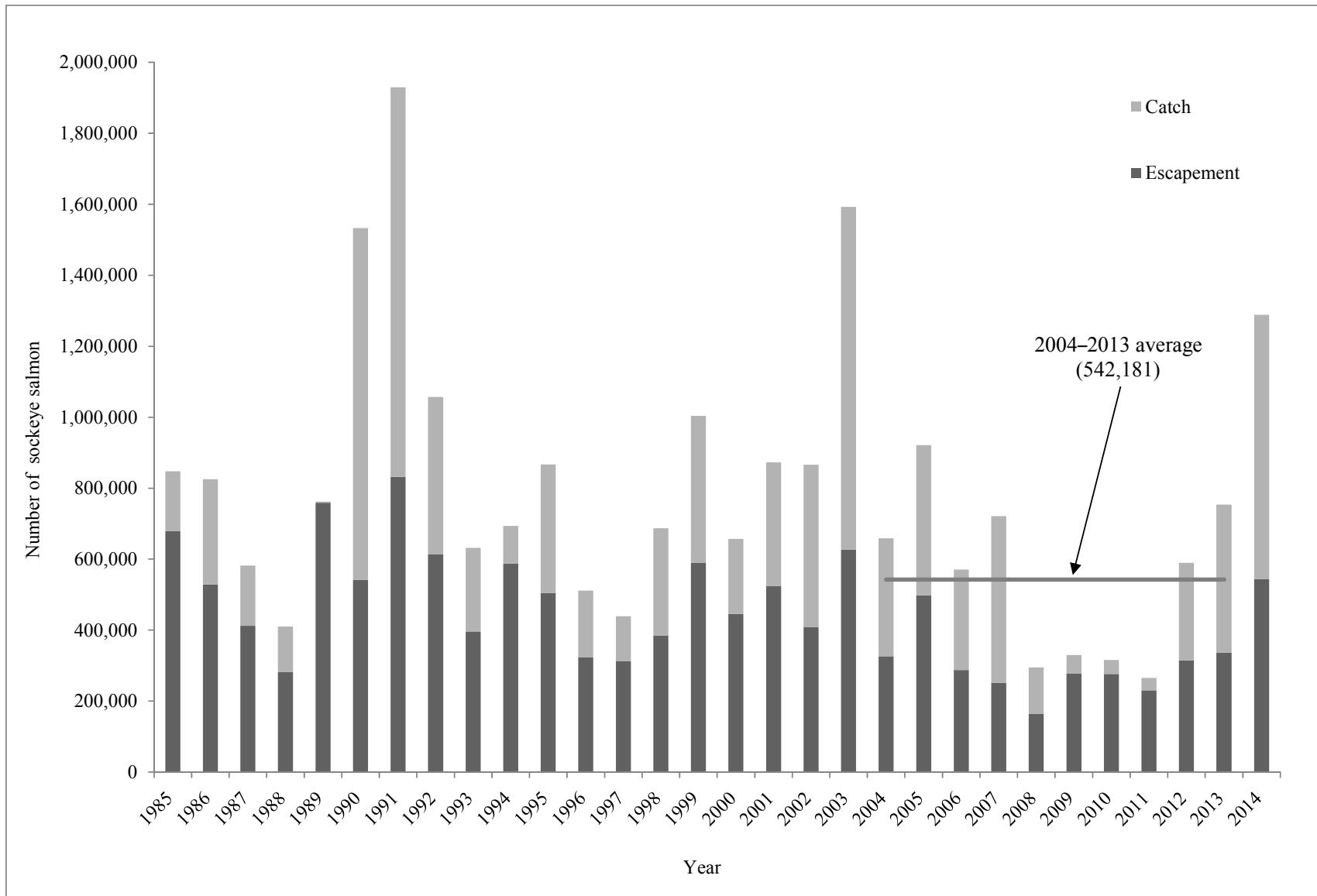


Figure 8.—Karluk Lake late-run sockeye salmon escapement and catch estimates, 1985–2014, and the recent 10-year average estimated total run (average catch and escapement combined, 2004–2013).

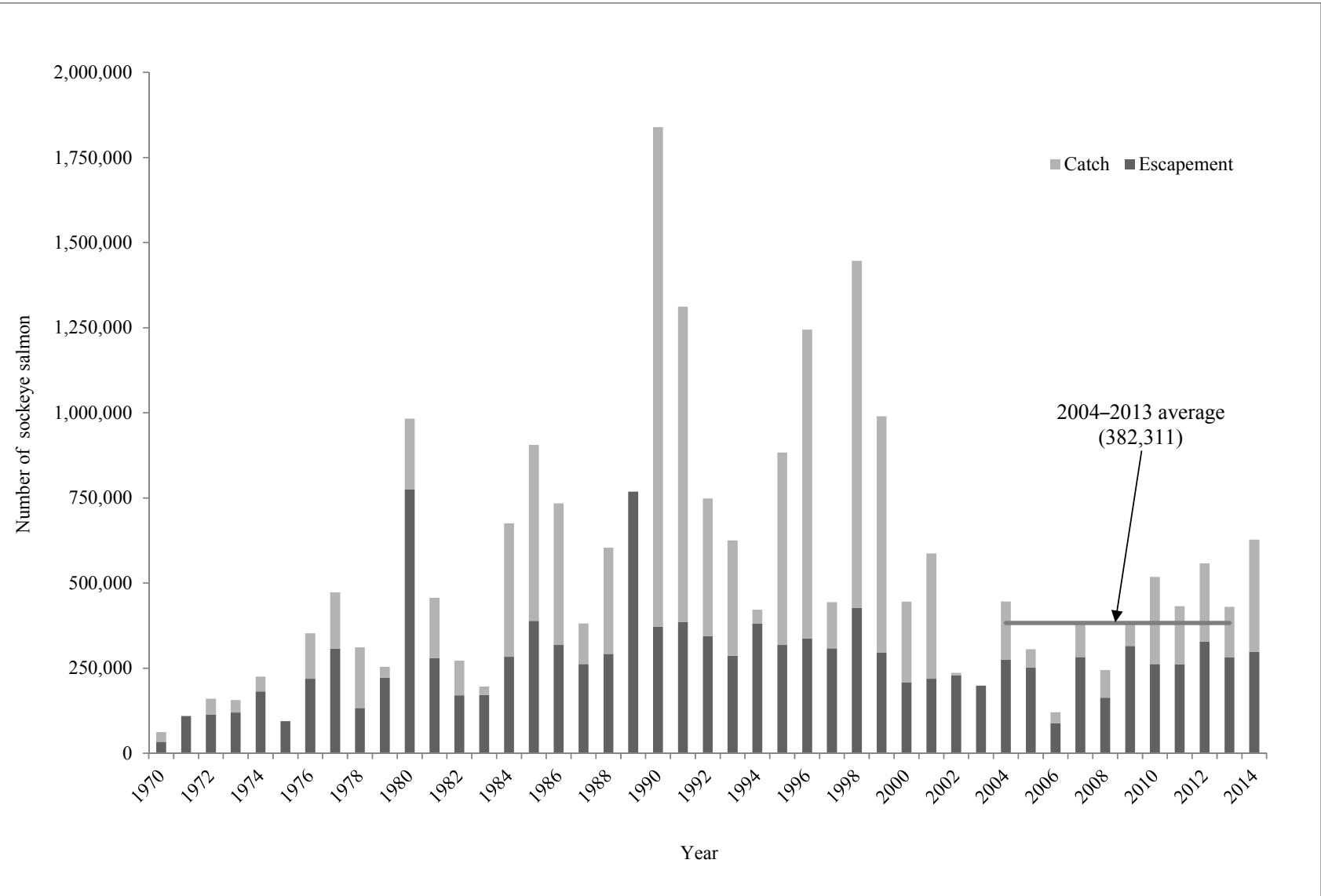


Figure 9.—Ayakulik River (Red Lake) sockeye salmon escapement and catch estimates, 1970–2014, and the recent 10-year average estimated total run (average catch and escapement combined, 2004–2013).

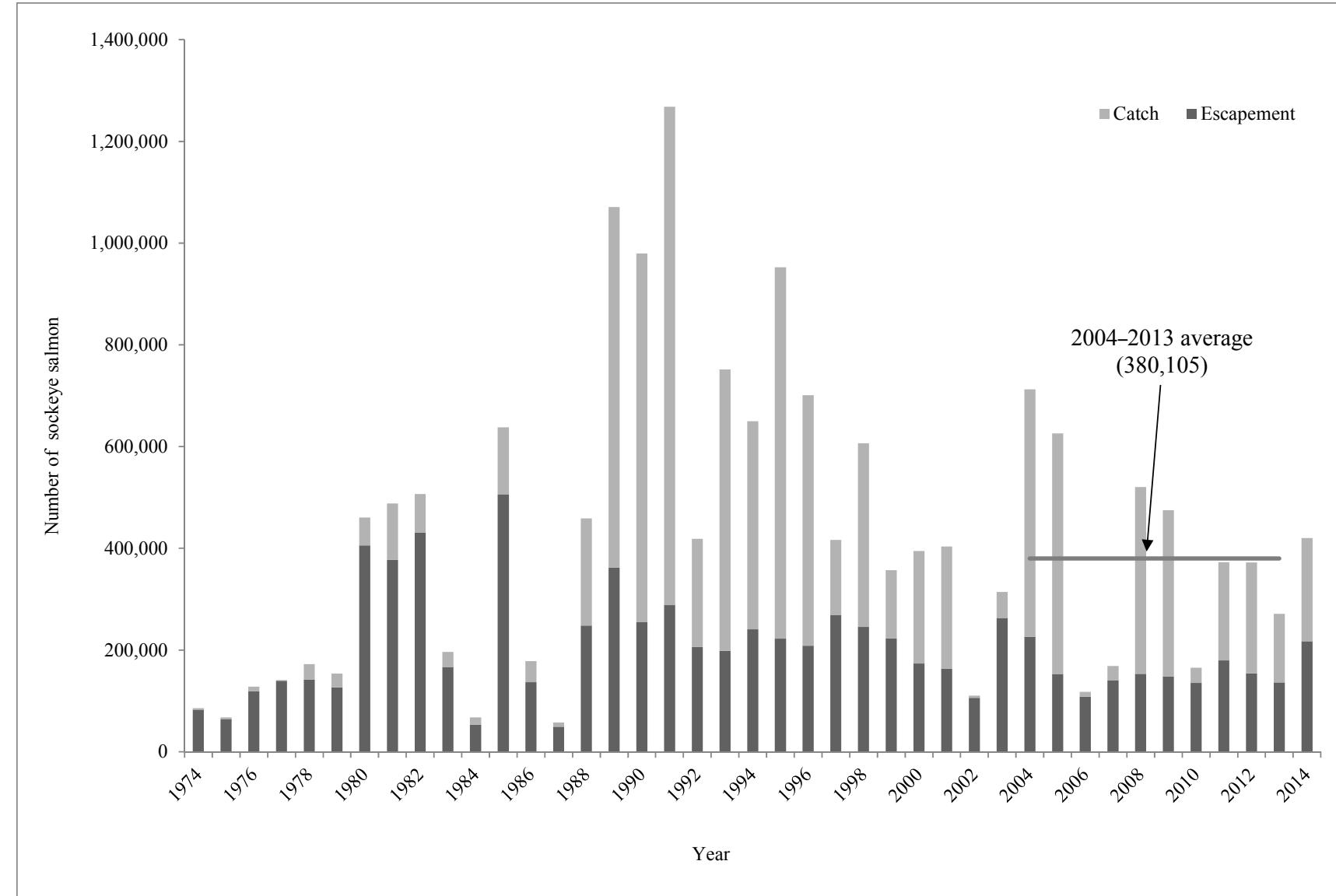


Figure 10.—Frazer Lake sockeye salmon escapement and catch estimates, 1974–2014, and the recent 10-year average estimated total run (average catch and escapement combined, 2004–2013).

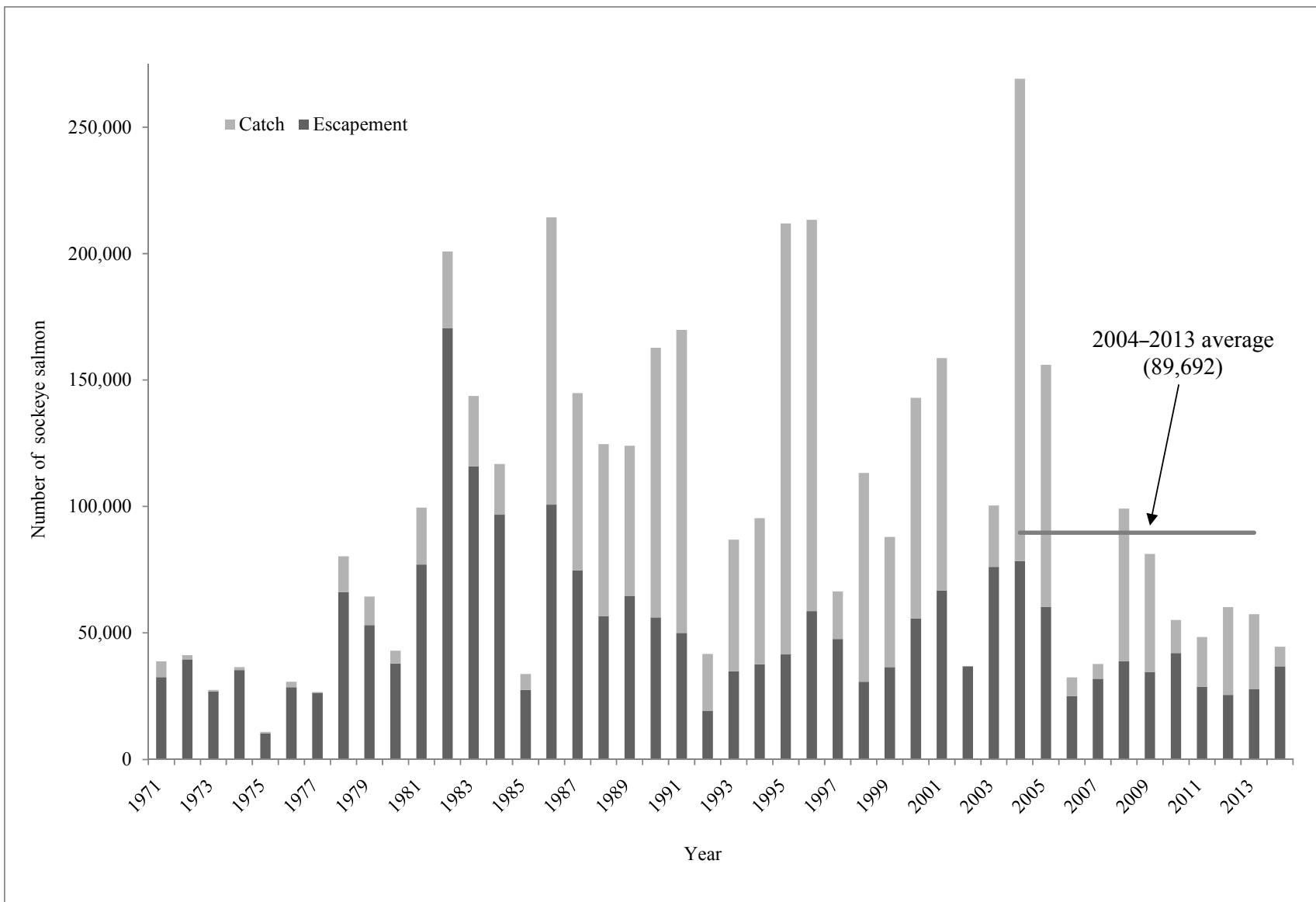


Figure 11.—Upper Station (South Olga Lakes) early-run sockeye salmon escapement and catch estimates, 1971–2014, and the recent 10-year average estimated total run (average catch and escapement combined, 2004–2013).

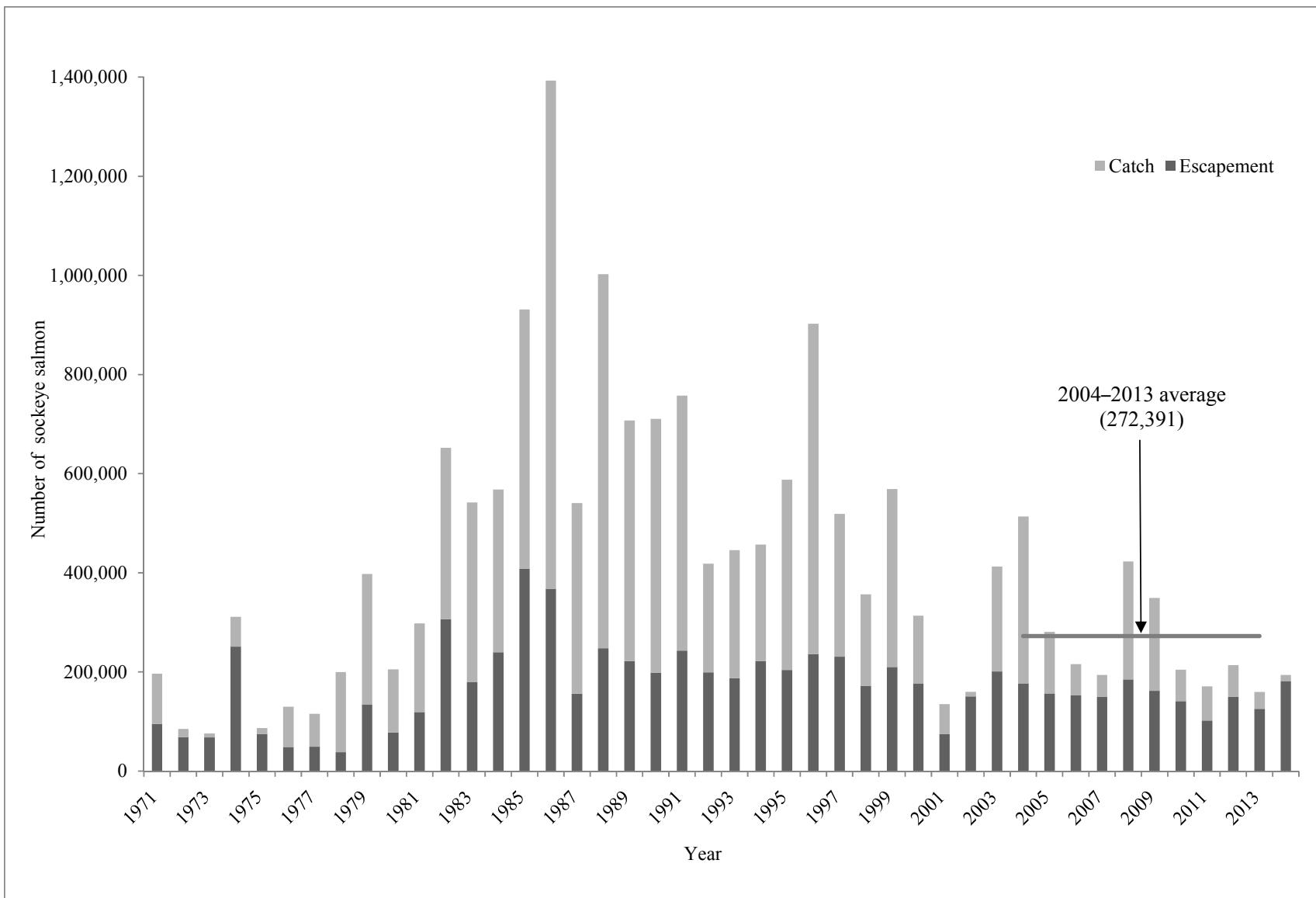


Figure 12.—Upper Station (South Olga Lakes) late-run sockeye salmon escapement and catch estimates, 1971–2014, and the recent 10-year average estimated total run (average catch and escapement combined, 2004–2013).

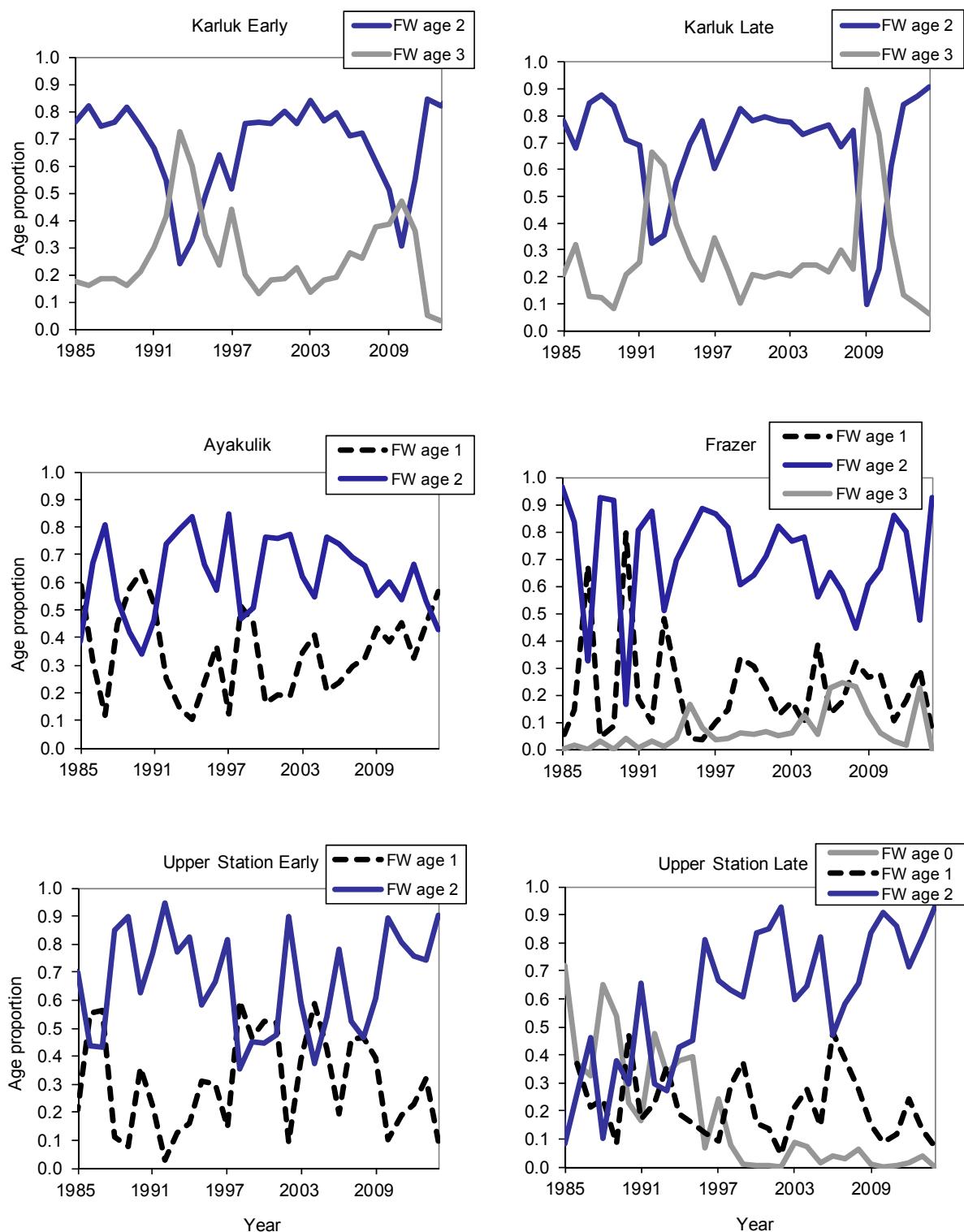


Figure 13.—Historical trends in the proportion of freshwater ages comprising the major Kodiak Island sockeye salmon annual runs 1985 to 2014.

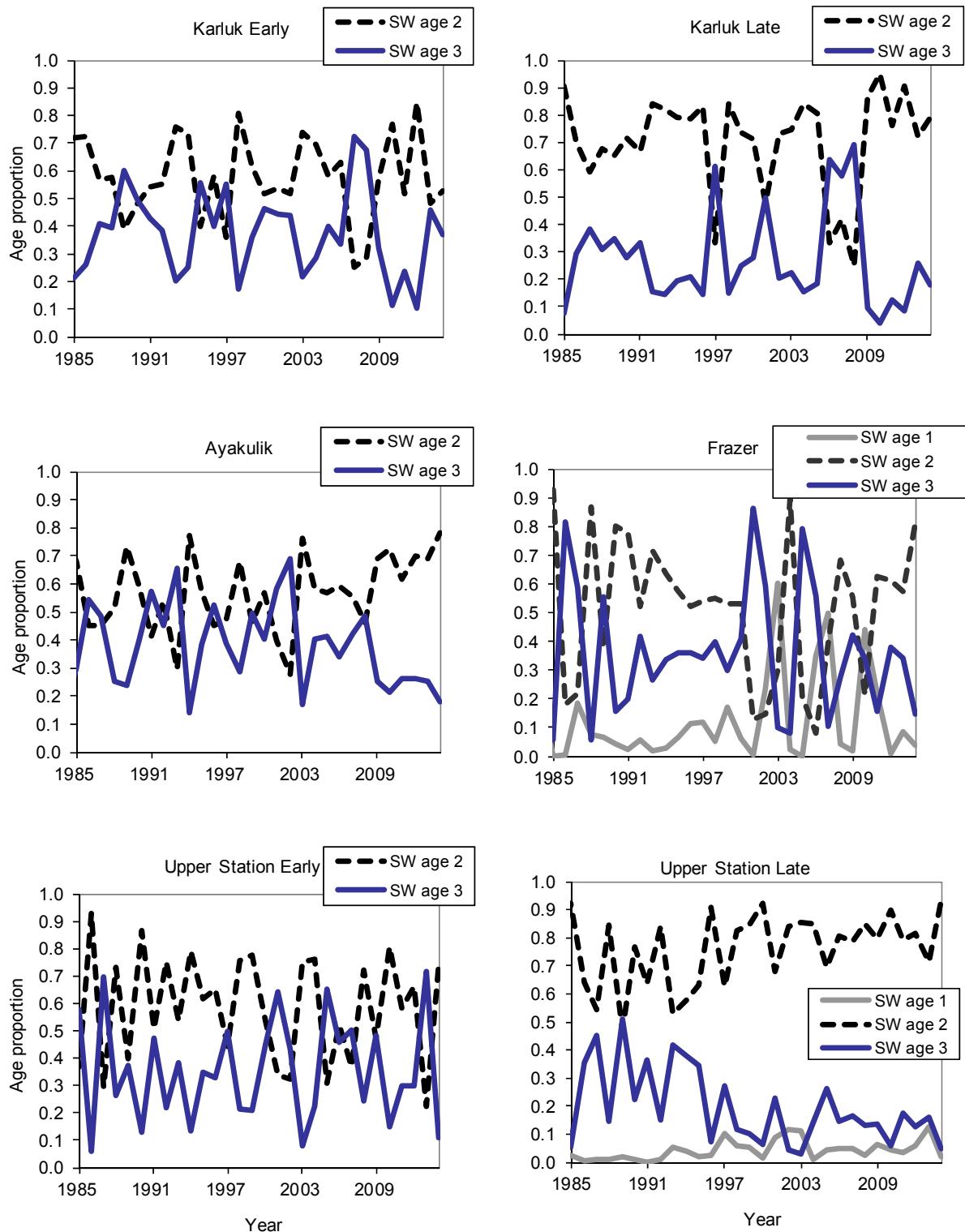


Figure 14.—Historical trends in the proportion of saltwater ages comprising the major Kodiak Island sockeye salmon annual runs 1985 to 2014.